



FRANCE
CHICAGO
CENTER

Annual Report
2019–2020

Archives et Bibliothèque départementales GASTON DEFFERRE

THE UNIVERSITY OF CHICAGO

THE FRANCE CHICAGO CENTER
is devoted to fostering, promoting, and increasing
fruitful intellectual exchange between the University
of Chicago and France, and to raising awareness and
appreciation of French culture, art, and thought
within the University community and beyond. It
pursues these goals through structured initiatives—
graduate workshops, fellowship and travel grant
competitions, public lectures, visiting scholars, and
a collaborative research seed-funding program in
the sciences—and by working closely with students,
faculty, and University-based partners to develop
and support France-related grassroots initiatives.

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From the Executive Director

Retrospectively, it seems that the Coronavirus has cast its veil of sorrow over all of this past year's activities. Our winter-quarter initiatives were plagued—never has this verb for us moderns acquired a meaning so acute as in today's pandemic world—by the Coronavirus as it swept around the world from China to Europe and on across to the United States. As we all know, Italy, Spain, England, and France were particularly hard hit. Zooming, a new verb, quickly became a way of life, a two-dimensional life that hit the FCC all the harder because of our belief that direct contact is essential to exchange and dialogue. We have always concentrated heavily on three-dimensional activities, on bringing together the people behind the ideas, and on the importance of face-to-face contact. France and the United States—two democracies grounded in Enlightenment thought and culture—are age-old *frères-ennemis*, engaged in the subtle and not-so-subtle art of the give-and-take necessary to understanding different ideas, different ideologies, and different points of view. This exchange was and remains for us the very heart of the matter. I think that if there are two lessons we can all take away from the past months, they are to be found, on the one hand, in the resourcefulness of the human spirit—contact through *visioconférence* was a far sight better than by telephone or email—and

on the other, in the immense existential, and yes, intellectual loss when the third dimension is flattened onto a screen. Among the high-visibility events that we were forced to postpone, I might mention the visits of two distinguished scholars from the Collège de France: Dominique Charpin who holds the chair of *Civilisation mésopotamienne* and Denis Duboule who holds the international chair in *Évolution des génomes et développement*; as well as that of the author and political figure Azouz Begag. But we haven't given up on anything and all these events will no doubt come roaring back in full three-dimensionality in the near future.

This year the FCC welcomed a new Director, Jennifer Pitts (Political Science) who has worked with us on many projects and events over the years. She has the unenviable task of replacing the irreplaceable, our departing Director, Jan Goldstein, who is retiring this year. Jan has been with us from the very beginning, back in the days when a proto-FCC began emerging in the form of a graduate Workshop on Modern France. Her fellow historians Keith Baker, François Furet, and Colin Lucas all joined her in playing important roles in the period leading up to the creation of the Chicago Group on Modern France which, in 2001, would come to be endowed as the France Chicago Center, with its mission spanning all the disciplines. Her drive, energy and creativity traversed and animated all of these avatars. Throughout that time, it was my distinct privilege to have co-directed with her—joined at times by a host of other colleagues—the workshop now called The Interdisciplinary Workshop on France and the Francophone World. It was there that, every other Friday for over thirty years, one could see, enjoy, and appreciate her powerful intellectual curiosity and generosity at work creating magical moments while welcoming cohorts of students as well as scholars from around the world. My fellow Directors Jennifer Pitts, Arnold Davidson, Keith Moffat, Juan de Pablo, Paolo Privitera, and Jennifer Wild all join me in expressing our deep gratitude for all that she has given us and wishing her well.

A handwritten signature in black ink, appearing to read 'Robert Morrissey'.

Robert Morrissey, Executive Director

France Chicago Center

Benjamin Franklin Professor of French Literature

Department of Romance Languages & Literatures

WORKSHOP ON MODERN FRANCE

Ever since its founding in 2001, FCC has included among its activities the sponsorship of an interdisciplinary workshop on modern France for graduate students and faculty. The workshop, which meets biweekly at the University of Chicago, has always been jointly anchored in the Department of History and the Department of Romance Languages & Literatures, but participants have frequently come from other departments as well—including anthropology, art history, sociology and political science. One of the workshop’s main purposes, as its name suggests, is to familiarize members with the methodologies of disciplines other than their own, thus giving them a broader range of tools for their scholarly work on France. The other main purpose is the informal education of graduate students.

The creation of the workshop actually predated that of FCC by a decade. It was a response to the findings of a faculty commission charged in 1980 by then president of the University, Hannah Gray, to examine the state of graduate education in the humanities and social sciences at Chicago. Chaired by Keith Baker, a professor of French history then at Chicago, the commission released its report two years later. It found that the years between admission to Ph.D. candidacy and completion of the doctoral dissertation were typically a kind of psychological trough for graduate students. Having left behind the structured schedule of coursework, and faced with the amorphous task of producing a piece of writing far longer than anything they had attempted before, they often felt disoriented and unfocused. From this recognition came the commission’s idea for the workshop program, not implemented until almost a decade later.

If advanced graduate students could attend regular meetings for the discussion of pre-circulated papers and dissertation chapters—preferably drafts-in-progress—written by themselves, their fellow graduate students, and faculty from Chicago and elsewhere, they would, the commission argued, have a place where the problems of scholarly writing could be discussed and the burdens

of academic solitude lifted. In the case of the “Workshop on Interdisciplinary Approaches to Modern France,” as it was called at the time of its founding in 1991, a wine and cheese reception at the end of each session would encourage sociability and the formation of new friendships. (Early on the Workshop chose late Friday afternoon as its meeting time. This moment just before the weekend has always lent the consumption of wine and cheese after the session a special touch of festivity.)

The success of this workshop model for researchers at the graduate level and beyond exceeded our expectations. Not only the students, but also the faculty involved in the venture, enjoyed the intellectual stimulation of these gatherings and the conviviality they generated. In addition to developing papers from Chicago participants, the Workshop has over the years hosted American scholars of France from other universities—for example Robert Paxton, Alice Kaplan, Eric Jennings—and eminent scholars from France including Roger Chartier, Alain Corbin, Antoine Compagnon Gérard Noiriel, and Pierre Rosanvallon. Workshop denizens have had the pleasure of seeing dissertation chapter drafts presented by graduate students subsequently reappear as published articles or portions of first books. The workshop has continued without interruption from 1991 onward and will soon celebrate its thirtieth anniversary.

The workshop has not, of course, remained static. Over time the role of the student coordinators has become a (modestly) paid position, and as a result the students began to take more responsibility for inviting and scheduling presenters. The Workshop changed its name significantly in response to changes in the academic disciplines it most represents. As literature from the formerly French colonies in the Caribbean and Africa came to the fore in French departments, and as studies of French imperialism in the Caribbean, Africa,

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“The Modern France Workshop taught me to give criticism, take in criticism, and grow from criticism. Though no one spelled out its stakes, doctoral students understood them from the start. It was our responsibility to assess the claims, the logic, the methods of the article or chapter under review that week. It was all about the work rather than the scholar, however eminent he or she might be. I recall the hours spent annotating pre-circulated papers, the intense (but never hostile) questions of the faculty, the courage it took to ask questions, the satisfaction one felt when others nodded, and the promise to do better next time. And when the time came to present my own work, the suggestions and critiques I received shaped my dissertation and first book.”

Stéphane Gerson
Professor, NYU
Ph.D. in History, 1997

“The Modern France Workshop was for me personally, and remains today for countless others, an important touchstone of intellectual inquiry and scholarly debate. Our conversations and clashes (always good-natured) over the program, invitees, and, most importantly, the wine and cheese selection, were important first steps in establishing my own intellectual independence and autonomy; qualities that are often hard to nurture during the late stages of graduate school. The constructive criticisms—always levelled in a spirit of generosity and good intentions—coupled with a very real engagement with ideas on the part of workshop participants have no doubt profoundly improved many a dissertation over the years, my own included.”

Glenn Roe
Professor, Sorbonne Université
Ph.D. in French, 2010

“It is a cliché that the workshops make The University of Chicago a special place to be a graduate student. It is where we learn to become scholars of a certain kind: relentlessly curious, demanding of ourselves, respectful of others. At the Modern France Workshop I learned that and more: for example, how 1848 was not just a date and a revolution, but also an experience and a metaphor. As francophone historians and literary scholars squared off across the table in *Wieboldt 207*, I saw how disciplines confronted and learnt from one another. The lesson of interdisciplinarity was both daunting and exhilarating; it has guided my career ever since, steering me to a position as a historian in a French department and to conversations with critical theorists and neuroscientists. The cliché, it turns out, is true; fifteen years on, I still enjoy reading papers presented at the Modern France Workshop from afar.”

Thomas Dodman
Assistant Professor, Columbia University
Ph.D. in History, 2011

“I am grateful to have had opportunities to present and discuss my research in the Modern France Workshop. The experiences have always been very enriching, as they exposed my work to the constructive criticism of students and professors in a variety of disciplines, from literature to history and social sciences, allowing me to benefit from new and interesting perspectives. Moreover, the workshop was a great place to get to know other graduate students and their research in a friendly setting, where it was easy for me to feel at home. Participating in the Workshop is a must for young University of Chicago scholars whose work focuses in any way on French history and culture.”

Chiara Nifosi
UChicago Teaching Fellow
Ph.D. in French, 2020

“The Modern France Workshop was an important part of my training at the University of Chicago. It was more intense and in many ways more important than the classroom learning it complemented, because it was there that we learned how to be part of an intellectual community, alongside our mentors. It was there that we practiced the kind of close reading, critique, and respectful disagreement among equals that our profession is built upon—all followed of course by wine and cheese. The annual conferences we co-hosted with the Consulate were also memorable: indeed, one of these (1994?) was on the topic that became the focus of my whole career, the Jews of Modern France. Hired as the graduate student assistant for the conference gave me a once-in-a-lifetime opportunity to meet, for the first time, scholars who became longtime friends and mentors, and introduced me to the issues that continue even now to preoccupy me.”

Lisa Leff
Professor
American University,
Washington DC
Ph.D. in History, 2000

“The workshop offers a crucial space of interdisciplinary conversation that not only helped me to develop critical and argumentative skills, but also allowed me to connect with other graduate students and professors interested in similar questions and topics. After finishing my coursework, workshop participation ensured that I never worked in isolation and provided connection to peers with whom I could exchange ideas and experiences. While co-coordinating the workshop, I was able to extend my scholarly network and build new relationships with established scholars in my field. Finally, as a student of historically marginalized literatures and cultures of the

Francophone world, I was delighted to see how positively the workshop responded to students’ efforts to push for a more inclusive and diverse space of reflection.”

Bastien Craipain
Teaching Fellow
in the Humanities
Ph.D. in French, 2020

“For a hungry graduate student, the wine and cheese offered at each meeting were definitely a draw, but the Modern France Workshop was most valuable as a source of intellectual sustenance. Throughout my career as a graduate student at the U of C, it introduced me to numerous scholars from various disciplines and periods in French studies; it provided me with a forum to get suggestions on my own work, from the proposal through the dissertation stage; it cultivated my love of France and all things French (including the wine and cheese!); it helped me forge lasting connections with fellow graduate students in French studies; and, most importantly, it taught me how to be a critical thinker/scholar. Along with the Regenstein Library, this workshop is what I have most missed about the U of C since graduating almost twenty years ago. In my new home in Charlotte, North Carolina, I organized a workshop on this model with a colleague at a nearby college. But we found that few people could or would make time for even a semi-regular version of it. There is something very special about the scholarly community centered on the Modern France Workshop, which cannot be replicated elsewhere.”

Christine Haynes
Professor
UNC Charlotte
Ph.D. in History, 2001



Charlotte Robertson presenting at the November 15 session of the Workshop on Modern France.

and Southeast Asia likewise came to the fore in history departments, the Workshop expanded its purview and in fall 2012 became “Interdisciplinary Approaches to Modern France and the Francophone World.” This fall, the Workshop will change its name again in response to the expansion of constituencies within the University wanting to take part in the Workshop.

It will drop the adjective “modern” and become “The Interdisciplinary Workshop on France and the Francophone World.”

The comments on the two previous pages, from alumni/ae of the Workshop, convey what it meant to graduate students.

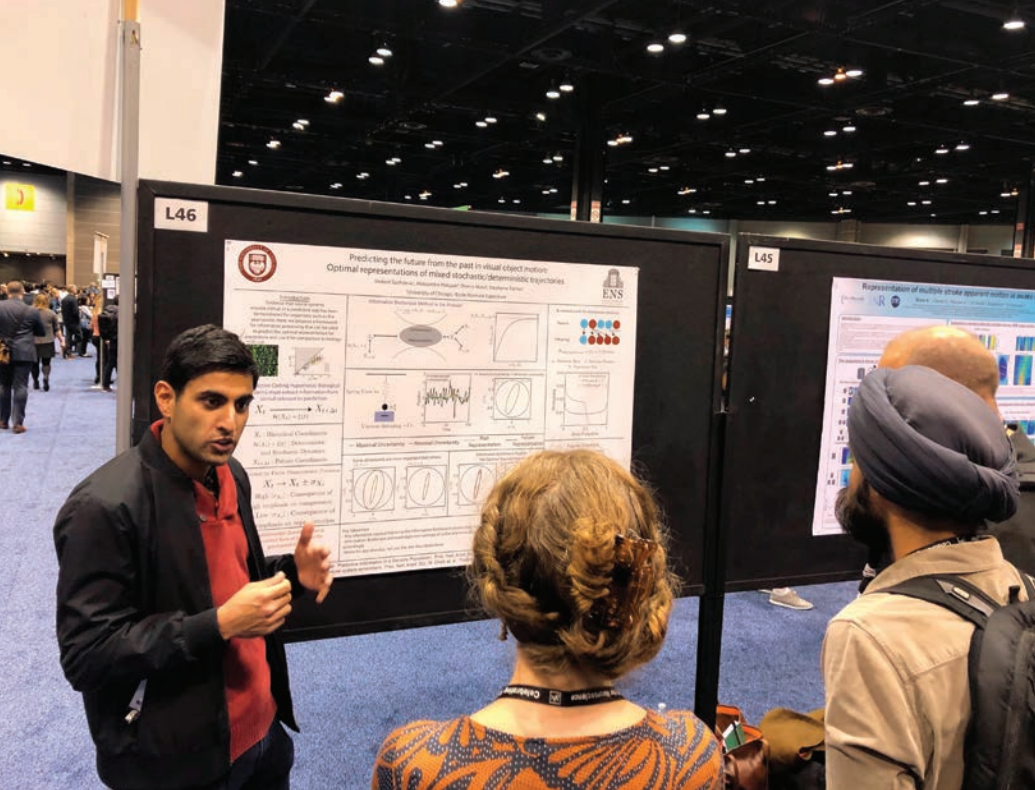
CNRS-UCHICAGO RESEARCH PARTNERSHIP TAKES ROOT

In 2019, the University of Chicago and the French National Center for Scientific Research (CNRS), an interdisciplinary public research organization under the auspices of the French Ministry of Higher Education and Research, signed a five-year research collaboration agreement aimed at increasing opportunities for research and scholarly engagement between the two institutions.

Juan de Pablo—Vice President for National Laboratories, Liew Family Professor in Molecular Engineering, Senior Scientist at Argonne National Laboratory, and Faculty director of the France Chicago Center since 2019—whose efforts were critical in shaping and implementing this agreement, describes the partnership as “a new step in the University’s support of education and research around

Left to right: Juan de Pablo (VP for National Labs), Alain Schuhl (Chief Research Officer, CNRS), and Daniel Diermeier (Provost) during the ceremony finalizing the agreement.





Vedant Sachdeva presenting research at the annual meeting of the Society for Neuroscience.

the globe, and in France in particular.” De Pablo stated that “While UChicago faculty and colleagues at Argonne National Laboratories and Fermilab have developed a large number of collaborations with French institutions through various initiatives funded by American research agencies, European agencies and the France Chicago Center’s FACCTS Program, this program is the first of its kind in the United States.” He further noted that “the University of Chicago is honored that one of the world’s most prestigious research organizations—the CNRS—has chosen the University of Chicago as its partner. We have no doubt that this is the beginning of a long and fruitful relationship, to the benefit of science and joint research at the frontiers of knowledge.”

In practical terms, the agreement provides a framework that supports up to five new research collaborations per year selected from a pool of applicants by a bi-national review committee. A distinctive feature of this program is the extent to which it encourages and supports transatlantic exchange of Ph.D. students,

whose efforts underpin the collaboration of one UChicago faculty member and one researcher from the CNRS. The CNRS supports each French Ph.D. student that it sends to Chicago, including their travel expenses. Participating UChicago Ph.D. students are supported through research grants, while their travel expenses are sponsored by the Office of the Vice President for National Laboratories and other contributors, including the France Chicago Center. Over the course of the five-year agreement, the CNRS may host up to 25 UChicago students, with the University of Chicago hosting a similar number of students from French universities with an embedded CNRS research unit. In this way, Ph.D. students from Chicago and France will expand their horizons by participating in international research collaborations while enhancing their scholarly pursuits in preparation of their future careers.

Now in its second year, the CNRS-UChicago Research Partnership currently supports 11 unique three-year collaborations across an array of disciplines—including molecular engineering, physics, computer science, mathematics, biochemistry, genetics, molecular biology, social sciences, and digital humanities. A list of all supported projects can be found in Appendix 3 on page 34.

We’re pleased to announce that one of these collaborations from the 2019 call—led by Stephanie Palmer (UChicago, OBA & Physics), Arvind Murugan (UChicago, Physics), and Aleksandra Walczak (CNRS, INP, ENS-Paris)—recently submitted their first paper, entitled “Optimal prediction with resource constraints using the information bottleneck,” with Vedant Sachdeva (UChicago, Ph.D. student in Biophysics) listed as its first author. Sachdeva, who had been planning a research stay in the Walczak lab during the spring and summer of 2020, has postponed that trip until transatlantic travel resumes. Over the last 14 months, their teams have been establishing a common framework for evaluating the common mechanisms of prediction in neural and biochemical systems. Over the next two years, they plan to compare evolutionarily sculpted, hard-wired adaptation mechanisms in the visual system to dynamic mechanisms that maintain reliable prediction in the immune system.

For more information on the CNRS-UChicago Research Partnership please contact Juan de Pablo (depablo@uchicago.edu) or Fabiola Delgado (fabideldgado@uchicago.edu).

HIGH-SCHOOL STUDENT-MUSICIANS IN PARIS

Working together, the France Chicago Center, the University of Chicago Center in Paris, After School Matters, United Airlines, and the Chicago West Community Music Center (CWCMC) made it possible for a group of 15 student musicians affiliated with CWCMC to spend October 13-20, 2019 abroad in Paris. The group was led by Howard and Darlene Sandifer, CWCMC's Executive Director and Managing Director, respectively.

During their time in Paris, the students participated in a three-day international conference at the University of Chicago Center in Paris, organized by Leora Auslander. The conference, held on the occasion of the centenary of the Pan-African Congress of 1919, was devoted to re-examining different aspects of the work and legacy of its principal organizer, W.E.B. Du Bois, in an international context. Howard Sandifer delivered a lecture that focused on Du Bois and on the life and legacy of James Reese Europe, who is credited with introducing ragtime and jazz to European audiences. CWCMC students performed music by Reese Europe, including an arrangement of the Marseillaise that was performed in 1918 by the Harlem Hellfighters, an African-American military band that toured Europe during the years following WWI.

Prior to the conference, the student musicians interacted with their counterparts at the Lycée Mozart just outside of Paris and performed at the jazz venue *La Dynamo* in Pantin. They also toured many historic sites in Paris, including the Arc de Triomphe, the Musée Quai Branly, the Louvre, and the Eiffel Tower. In another highlight of the trip, the students were guests of honor at a dinner organized by After School Matters board member Claire Muñana in her home near the Parc Monceau.

The group's presence and inspiring performance proved to be vital contributions to the conference. At the same time, these young Chicagoans reported being happy to share their artistry with appreciative audiences and to participate in a rich interdisciplinary exploration at the intersection of race, history, music, and culture. They also valued their introduction to the "City of Light" and took full advantage of opportunities to create and strengthen ties in France, all while becoming better acquainted with a seminal 20th-century figure whose work and thought continue to resonate today.

Four of the students in the group had participated in a similar trip to Paris in the fall of 2017, also made possible by invitation and with principal sponsorship from the France Chicago Center. For



Preparations for a performance at *La Dynamo* in Pantin.

most of the CWCMC students, however, this was their first time in Paris, which added to the general excitement and sense of adventure. We hope that ideas and connections fostered during this week in Paris continue to develop in these students for years to come.



THE FRANÇOIS FURET TRAVEL GRANT PROGRAM

The François Furet Travel Grant Program was created in 1998 to encourage and support student travel to France, while honoring the legacy of the eminent historian of the French Revolution and former Faculty Director of the France Chicago Center. Over the 21-year life of this program, a total of more than \$400,000 has been disbursed to support the France-based research and intensive language-study activities of over 175 University of Chicago students. We are extremely grateful to the French Ministry of Higher Education, Research, and Innovation, whose generous financial support of the France Chicago Center since 2017 has underwritten in full the costs of the François Furet Travel Grant Program. What follows are excerpts from reports submitted by Furet Travel Grant recipients whose residency in France took place during the summer and/or fall of 2019.



Joshua Silver

Ph.D. Candidate in Sociology

July 30, 2019 through September 1, 2019

“During my time in the Cours de civilisations française de la Sorbonne (CCFS), I made significant progress in my language ability, conducted research for my Ph.D. research project..., and deeply explored French history and culture...I feel prepared to engage directly with scholarship in France as well as scholarship about France in the United States, especially comparative work in my field, sociology.

In Paris, I began work on a research project...focusing on the emergence of standardized infrastructures for the distribution of produce and food products... specifically, the move of the primary wholesale food market from the center of Paris to the massive modern Rungis market in a Paris banlieue. The move itself involved a political and social struggle over a site that had a powerful cultural presence in the city, but no longer met its material needs. ... This project will require significantly more work to be able to craft a journal article for a sociology journal, but I was able to present preliminary

results of this research to my colleagues at the CCFS. In the coming quarter, I will put these findings from Paris into comparative relief with some research I will conduct in the city archives of Mexico City in December...

...The single most important intellectual benefit I achieved from my time abroad was the ability to discuss in French challenging scholarly topics in politics, history, and literature with both French and International colleagues... Finally, resources like the Parisian daily newspapers and the dozens of museums I visited grounded my understanding of France with a kind of cultural constellation of references and events.”



Mendel Kranz
Ph.D. Student in the Divinity School
July 1, 2019 through August 21, 2019

“During my time abroad, I was primarily working on two things. The first was the preliminary research for my dissertation. For this part, I spent the majority of my time researching at the archives of the Alliance Israélite Universelle (AIU), during which time I was able to review numerous collections (Jacques Lazarus, ENIO, etc), periodicals (L’arche, Évidences, etc.), and journals (Kadimah, Cahiers Bernard Lazare, etc.) as well as consult with the excellent librarian and research staff they have on hand. In addition, I was able to meet with scholars working in similar fields as mine who were also spending time in the archives, including Sasha Goldstein-Sabbah and Jacob Daniels. This research was intended to help me craft a proposal and serve as the initial foray into the dissertation project. The second, closely related goal was to collect more research on a related project on Albert Memmi and Emmanuel Levinas. For this part, certain collections at the AIU archives proved instrumental, and I managed to find a yet unpublished essay by Levinas that figured prominently in the project. I also made extensive use of the Bibliothèque nationale de France (BNF) libraries and archives.

As a result of my stay, I was able to craft a rough draft of my dissertation proposal which, upon my return, I then workshopped in the SSRC Dissertation Development Program at Northwestern University. The research served as the backbone of the proposal and a number of sources that I found over the summer will feature prominently in it. This work also proved extremely beneficial in helping me conceptualize a conference that I arranged along with a colleague of mine this fall entitled “Jewish Difference Under Empire.” Finally, upon successfully completing the research for the secondary project, I was able to submit an article for publication, which will now be coming out in the journal Hebrew Studies this December.”

Marissa Fenley
Ph.D. Student in English and TAPS
September 9, 2019 through October 1, 2019

“During my time in Charleville-Mézières, I was able to attend 20 original puppet plays presented at the Festival Mondial des theaters de Marionnettes, the world’s largest international puppetry festival. I was also able to visit the collections held at the Institut International de la Marionnette (IIM). At the Institut, I connected with Julie Postel, a fellow researcher who currently works for the center, and the Manager of the Research Center, Raphaële Fleury. Raphaële showed me how to use the Institut’s recently launched online directory of their complete collection. I was also able to see a huge breadth of contemporary puppetry practices: from shadow puppetry and projection, to bunraku, to paper puppetry, to traditional Pulcinella, to found object puppetry, to ventriloquism. I plan to analyze Gisele Vienne’s “Jerk,” one of the shows I was able to attend, in my first chapter. Since the festival serves as a meeting ground for the international puppetry community, attending this festival was the best way to be introduced to the kinds of stories and techniques puppeteers are most interested in today.



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I was most impacted by my experience seeing Gisele Vienne's Jerk. While Vienne had shared a recording of the piece with me prior to my visit, my experience seeing it live was crucial to my understanding of its dynamics. Jerk is based on the popular true crime story of Dean Corll, an American serial killer who, along with his teenage accomplices, David Brooks and Wayne Henley, abducted, raped, tortured and murdered at least 28 teenage boys in the early 1970s. The piece stars Jonathan Capdevielle, a ventriloquist who trained at the École nationale supérieure des arts de la marionette in Charleville-Meziers, in the role of David Brooks. Capdevielle's style of ventriloquism is incredibly unique, and prompts a quite visceral response from his audience. Capdevielle, despite being an accomplished ventriloquist, does not initially attempt to hide his lip movement. Capdevielle grunts, moans, snorts, squirts, coughs; his lips smack on skin, and he makes violent fffwaaps and bubbling pppfffts that sound like a deflating balloon or the squelch of a wet shoe. Capdevielle's virtuosity, here, is his ability to replicate the incredibly violent and bodily sounds befitting the gruesome behavior of his murderous puppets. Capdevielle's bodily ventriloquism is nauseating: during the show, one spectator fled the theater, retching, and vomited in the hallway. I had to continually avert my eyes in order to regain control over my stomach. The extreme visceral response of the audience was in profound contrast to the flatness of Capdevielle's affect. This dimension of the piece would have been lost on me if I was not able to attend it in person."



Aurore Spiers
Ph.D. Candidate in Cinema & Media Studies
September 14, 2019 through December 29, 2019

"During my trip to Paris, I was able to research and start writing the first chapter of my dissertation on early French film comedy. I spent most of my time at the Fondation Jérôme Seydoux Pathé, the Bibliothèque nationale de France, and the Bibliothèque historique de la ville de Paris. Their collections of films, film catalogues, and movie theater programs allowed me to research the production and exhibition of the comic films made in France between 1906 and the beginning of World War I. I have become especially interested in how the studios advertised these films to theater managers in the trade press and to audiences in general through newspapers, fan magazines, posters, and publicity stills. In the final weeks, I was able to continue my study of advertising and early French film comedy at the archives listed above. I also presented and discussed my findings at the Graduate Student Workshop of the University of Chicago's Center in Paris on December 12, 2019, which was a tremendous opportunity for me to reflect back on this trip and think about the next steps in my research.

In addition to giving me direct access to the archival material I needed for my dissertation, my research trip to Paris allowed me to discuss this material with librarians whose expertise proved invaluable. My meeting with the head librarian at the Bibliothèque historique de la ville de Paris was especially important to me, since she showed me a collection of movie theater programs that I didn't know existed. I also learned a lot from the collection manager at the Fondation Jérôme Seydoux Pathé, where I watched several films and consulted many documents from the early years of the Pathé studios. Because none of these films and documents are digitized and available online, and some of them survive as fragments, the help I received from these two people was essential."

Camille Kirsch

Fourth-year student in the College

August 18, 2019 through September 13, 2019

“While in Paris, I was able to observe six gilet jaune protests and conduct short interviews with 18 gilets jaunes, 9 of whom have agreed to be contacted for longer Skype interviews once I return to the United States. These field observations and interviews deepened my understanding of the gilet jaune movement and will serve as the empirical foundation for my thesis project. I also took advantage of my time in Paris to visit two banlieues adjoining the city in which some of my interviewees lived. This allowed me to better understand the lived experience and socio-cultural background of gilet jaune protestors. In addition, the Francois Furet grant allowed me to purchase nine recently-published books on the gilet jaune movement, including: Le Fond de l’Air est Jaune, Jojo le Gilet Jaune, Dans la Tête des Gilets Jaunes, Un Colère Français, and Le Petit Livre des Gilets Jaunes. Most of these books are not currently available in the United States, and none are in the holdings of the University of Chicago Library System. Lastly, over the course of my month in Paris, I read more than 50 news articles about the gilets jaunes, both in French and in English, and read and annotated 19 scholarly articles on gilet jaune-related topics. These articles will be incorporated into my thesis as part of my literature review, and will lend depth and scholarly grounding to my argument.

I was also able to immerse myself in the Parisian social environment and discuss perceptions of the gilet jaune movement with native Parisians, lending nuance to my understanding of the French social and political landscape. All in all, my Francois Furet Travel Grant-funded research experience was deeply valuable. Without it, I simply would not have been able to write my thesis in its planned form, one which I think will provide important insight into the gilet jaune movement and, more generally, the politics of contemporary populist social movements.”



Nora Lambert

Ph.D. Student in Art History

October 4, 2019 through January 8, 2020

“The François Furet Travel Grant enabled me to spend a total of six weeks in Paris. While there, I studied French and conducted research at the library of the Institut National d’histoire de l’art and the Department des manuscrits of the Bibliothèque nationale de France. In the Department des manuscrits, I was able to view a thirteenth-century manuscript that will comprise the focus of chapter one of my dissertation. ... This object-based research was greatly advanced by the department’s extensive library of secondary sources on medieval and Renaissance manuscripts, and I was able to significantly expand my dissertation bibliography. I also travelled to the Musée Condé in Chantilly, where I examined three manuscripts pertaining to the Angevin royals that I did not learn about until after my arrival in France. In addition, the grant enabled me to enroll in courses at Lutèce Langue, a private French language school with the “Qualité français langue étrangère” label, a label of distinction collectively awarded by the Ministry of Foreign and European Affairs, the Ministry of

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Higher Education and Research, and the Ministry of Culture and Communication to select language schools in France. My time at the school significantly improved my spoken French and enabled me to learn more advanced verb tenses and constructions such as the subjunctive and the formation of hypothetical statements...

Professionally, I benefitted by gaining curatorial contacts at both the BNF Department des manuscrits and the Musée Condé in Chantilly. Future longer-term research trips will be far more efficient now that I understand how to search for, request, and gain permission to access rare manuscripts. In addition, my increased French language abilities enabled me to interact and correspond with curators and librarians in their native language, which facilitated more open and ready communication. Intellectually, my time spent conducting research in the library of the Institut National d'histoire de l'art greatly shaped my dissertation proposal, which I completed shortly after leaving France."

Oliver Cussen

Ph.D. Candidate in History

July 16, 2019 through July 27, 2019

"A François Furet grant allowed me to access documents in three different archives—at the Archives Nationales in Paris, the Bibliothèque Municipale in Nancy, and the Archives Nationales d'Outre Mer in Aix-en-Provence—that were crucial for two chapters in my dissertation. The dissertation consists of a series of case studies of particular commodities—coffee, cochineal, acacia gum, and gunpowder, I track the development of French commercial imperialism across the Indian Ocean, the Levant, Cadiz, Oaxaca, Senegal, French Guiana, and the metropole, from the "golden age" of commerce in the early-eighteenth century to the Age of Revolutions. My research over the summer focused on the second and final chapters respectively, on coffee and gunpowder. Most of my research for the second chapter had been based on the archives of the Compagnie des Indes in both the Archives Nationales and in the departmental archives in Réunion. The latter in particular provided a wealth of detail on demography and land-holding patterns, including information on the coffee plantations of one influential colonist, Pierre-André d'Héguerty. Returning from Réunion and France, however, I became aware that some of Héguerty's personal archives are held in the Bibliothèque Municipale de Nancy. Thanks to the François Furet grant, I was able to visit these archives over the summer. They provide a far more detailed account of how Héguerty accumulated wealth through coffee and slave labor on Ile Bourbon. In addition, the documents in Nancy have allowed me to develop a link between his time on Ile Bourbon and the writings he published as a member of the Gournay circle of liberal political economists in the 1750s, including his Essai sur les interets du commerce maritime and Remarques sur plusieurs branches du commerce et de la navigation. The final chapter of the dissertation focuses on the production of gunpowder on Île de France (now Mauritius) during the Age of Revolutions as military competition intensified at the colonial periphery. ... By consulting the records of this experiment in the Dépôt des Fortifications et Colonies series in Aix-en-Provence, I was able to recover the details of this experiment, and to better work out its significance for the wider course of French commercial imperialism in the eighteenth century.



Coming fairly late in my research process (having drafted the majority of the chapters), I had expected this research trip to simply confirm necessary details and to sure up my empirical arguments. Yet the research trips I took to Nancy and Aix were some of the most productive in the whole dissertation process."

Charles Fawell
Ph.D. Candidate in History
September 15, 2019 through November 1, 2019

“Thanks to the François Furet Travel Grant, I was able to carry out intensive archival research in Paris, which was crucial to the progress of my dissertation. I mainly consulted the diplomatic archives held at the La Courneuve site. There, I located important documents relating to French consuls stationed along the “Ligne de Chine” route on which my dissertation focuses. These documents contained exchanges between consuls in ports like Aden and Bombay, their superiors at the Quai d’Orsay, and ship-captains and port authorities from along the route. As such, they provided informative windows into the politics that governed what I refer to as the in-between spaces of empires; that is, ports, ships, and the routes that were constituted by the interplay of the two. Thanks to this research, I am making important progress on the fourth chapter of my dissertation, which discusses consuls and the wider diplomatic apparatus of French maritime routes. I am also incorporating the research into a forthcoming book chapter that will be published in an edited volume with Routledge in 2020. The chapter, and the book, will discuss the anti-labor practices of belle époque companies (and specifically, the role of vigilantism within it). Thanks to my research at La Courneuve, I uncovered several episodes and incidents of belle époque labor conflicts that will fit perfectly into this forthcoming publication.

My time abroad allowed me to fill in a major gap in my dissertation research: diplomatic sources, and specifically, the reports of consuls stationed outside of French ports, which are only held at La Courneuve and Nantes. Thanks to this research, I am now making progress on a new dissertation chapter, as well as a publication, which would have been nearly impossible without this recent archival research. I also took the occasion to talk with French historians Jean-François Klein and Christelle Taraud, both of whom I know from earlier exchanges, but with whom I had fallen out of contact prior to this trip. Our renewed exchanges have proven very inspiring as I begin to conclude my dissertation.”



Scene from the 2019 World Puppet Festival in Avignon, one vector of a research project conducted by Furet Grant recipient Marissa Fenley.

NIGHT OF IDEAS

The France Chicago Center was honored to partner with the Consulate General of France in Chicago and the Field Museum in presenting Chicago's inaugural Night of Ideas, which took place on January 30th of 2020. Since 2016, the Institut Français has organized a worldwide series of intellectual events that celebrate the intersection and outpouring of interdisciplinary ideas across countries, cultures, and generations. Now celebrated in 200 locations across the globe, the theme of this year's Night of Ideas: Alive! encouraged Chicago's leading voices and community members to engage in an active reflection on what being alive was, is, and could be. During the six hours of non-stop programming held in Chicago's Field Museum, an audience of 6,000 guests attended discussions, panels, performances, and workshops that sought to inspire conversation and engagement towards enriching the well-being of individuals, communities, and our planet. Of the more than 150 speakers and performers from 35 institutions who participated, 16 were affiliated with the University of Chicago—including Michael Greenstone (Economics), who gave a keynote speech on the Global Energy Challenge. A complete list of presentations by UChicago affiliates can be found on page 28.





TWO FCC FACULTY DIRECTORS HONORED

Two faculty directors of the France Chicago Center, Jan Goldstein and Keith Moffat, recently became *chevaliers* in the *Ordre des Palmes Académiques*, the oldest non-military French decoration, which is awarded to major figures in the academic, educational, and cultural realms. Napoleon first created the *Palmes Académiques* as an honorary title in 1808. Today the honor is discerned by the French Ministry of Education and bestowed by the Republic of France upon scholars for their distinguished academic record, their contributions in the area of French culture and thought, and their role in enhancing exchange with scholars and researchers in France.

Jan Goldstein is the Norman and Edna Freehling Professor in the History Department, the Committee on Conceptual and Historical Studies of Science, and the College. For over four decades, her work has been a guiding and vital force in establishing the University of Chicago as a leader in the study of modern French history and culture in the United States. Her scholarship—which focuses on the intellectual and cultural history of France, especially psychiatry and concepts of selfhood, from the eighteenth through the twentieth centuries—typically situates systems of thought in relation to the social and political institutions that helped to generate them and that subsequently deployed them. She was elected to the presidency of the American Historical Association for 2014, to the American

Academy of Arts and Sciences in 2010, and has been an editor of the *Journal of Modern History* since 1996. In addition to her research and teaching, she served with distinction for more than 25 years as faculty director of the France Chicago Center, and was the faculty director of the University's Center in Paris during the 2007-08 academic year. Her award was to have been publicly conferred on May 8, 2020, during a multi-day conference organized in her honor by University colleagues and former students. That conference, as well as the award ceremony, has been postponed until May 2021.

Keith Moffat is the Louis Block Distinguished Service Professor in Biochemistry & Molecular Biology, and a leader in such diverse areas of research as time-resolved crystallography, X-ray Laue diffraction, signaling photoreceptors, and optogenetics. In 1990 he founded BioCARS, a facility for synchrotron-based dynamic studies in structural biology and the physical sciences available to the national and international scientific community, which he directed through 2016 at the Advanced Photon Source at Argonne National Laboratory. During his tenure from 2002-2010 as Deputy Provost for Research at the University of Chicago, he accepted an invitation to become a faculty director of the France Chicago Center, a position he still holds. In that capacity, he shaped FCC initiatives in the sciences and played a crucial role in the creation and development of the FACCTS program (France



Jan Goldstein, FCC Faculty Director and Norman & Edna Freehling Professor of History.

And Chicago Collaborating in The Sciences), a seed-grant initiative that has provided over \$2.1 millions of grant funding to support more than 140 research collaborations spanning a wide range of the experimental sciences, between Chicago-based scientists and research teams at universities, government laboratories and research institutes in France. His honor was publicly conferred on February 27, 2020, during a reception at the residence of the Consul General of France in Chicago. Attending this reception were French government officials, University colleagues, family members, and friends.



Palmes Académiques medal conferred upon Keith Moffat (left) by Guillaume Lacroix (right), Consul General of France in Chicago.

PROGRAMS AND INITIATIVES

FELLOWSHIPS & TRAVEL GRANTS

Fellowships

Andrew Burlingame, Ph.D. candidate in Near Eastern Languages & Civilization, received a Collège de France Research Fellowship (\$29,000) to conduct dissertation research to examine primary materials relevant to his dissertation research, to work with the Ras Shamra archaeological team, and to contribute to the study of Syria's endangered cultural heritage. He pursued this research under the guidance of Thomas Römer and through an affiliation with the Institut du Proche Orient ancien.

Saadia Mirza, Ph.D. candidate in Anthropology, received a Sciences Po Exchange Fellowship (\$13,500) to conduct archival research on the development of long-range military reconnaissance techniques in France since the 1890s, and to examine the lasting legacy of those techniques of observation upon knowledge-production in the environmental sciences. Her research was conducted under the guidance of Marc Lazar and through affiliations with the Center for History at Sciences Po.

Natalie Smith, Ph.D. candidate in History, received an EHESS Exchange Fellowship (\$12,000) to conduct archival dissertation research on the history of the soap industry during the 19th century. Her research was conducted at the Marseille campus of the Ecole des Hautes Etudes en Sciences Sociales (EHESS) and at several other libraries in and around the region.

Fanny Malègue, Ph.D. student in Sociology and Environmental Science at EHESS, received a UChicago Exchange Fellowship to spend the fall and winter quarters in Chicago conducting research on the activities that give shape and meanings to the category of “commons” in France and Germany. Her research was conducted under the guidance of Andreas Glaeser (Sociology).



Andrew Burlingame (Collège de France Research Fellow) photographing material at the Louvre as part of his dissertation research.

Research & Language-Study Travel Grants

Xiao Sun, Ph.D. candidate in Committee on Development, Regeneration, and Stem Cell Biology, received a Collège de France Science Research Travel Grant (\$6,000) to conduct dissertation research on connectivity properties of abelian varieties under the guidance of Thomas Lecuit. Her research trip was postponed to Winter 2021.

Oliver Cussen, Ph.D. candidate in History, received a François Furet Travel Grant (\$2,500) to conduct dissertation research on the coffee and gun powder trade in 18th-century France at the Archives Nationales in Paris, at the Bibliothèque Municipale in Nancy, and at the Archives Nationales d'Outre Mer in Aix-en-Provence.

Nora Lambert, Ph.D. candidate in Art History, received a François Furet Travel Grant (\$2,500) to conduct dissertation research at the library of the Institut National d'histoire de l'art and at the Department des manuscrits of the Bibliothèque nationale de France while cultivating professional connections at BNF's Département des manuscrits and at the Musée Condé in Chantilly.

Camille Kirsch, a third-year student in the College, received a François Furet Travel Grant (\$2,500) to conduct BA-thesis archival and ethnographic research on the *Gilets Jaunes* protests and more generally on the politics of contemporary populist social movements in France.

Charles Fawell, Ph.D. candidate in History, received a François Furet Travel Grant (\$2,500) to conduct dissertation research focusing on transit and sovereignty along the maritime highways of Imperial France at the La Courneuve site, while engaging two contemporary French historians in this field.

Marissa Fenley, Ph.D. student in English and Theater & Performance Studies, received a François Furet Travel Grant (\$2,500) to participate in several puppeteer festivals, network with contemporary French and European puppeteers, and conducting archival research on the theatrical avant-garde.

Joshua Silver, RLL, Ph.D. candidate in Anthropology, received a François Furet Travel Grant (\$2,500) to undertake intensive language study at Sorbonne University (Cours de Civilisation française) while conducting ethnographic and archival work on the Rungis wholesale food market and its move from the Les Halles market in the center of Paris.

Aurore Spiers, Ph.D. student in English and Theater & Performance Studies, received a François Furet Travel Grant (\$2,500) to conduct dissertation research on early French film comedy at the Fondation Jérôme Seydoux Pathé, the Bibliothèque nationale de France, and the Bibliothèque historique de la ville de Paris.

Mandel Kranz, Ph.D. student in the Divinity School, received a François Furet Travel Grant (\$2,500) to conduct preliminary archival dissertation research at the Alliance Israélite Universelle (AIU), while collecting research on a related project on Albert Memmi and Emmanuel Levinas

Eric Rouvière, a Ph.D. student at the Institute for Molecular Engineering, received a Collège de France travel grant (\$2,000) to establish a collaboration with Dr. Olivier Rivoir in the context of an experimental, theoretical and computational project that focuses on the evolutionary origin of allostery. (Postponed to Winter 2021)

Matthijs Geurtz, an M.A. student at the School of Public Affairs at Sciences Po, received a travel award from the France Chicago Center (\$1,200) that allowed him to participate in the Inter Policy School Summit (March 2-3, 2020) organized by the Harris School of Public Policy.

Karan Kochhar, an M.A. student at Sciences Po, received a travel award from the France Chicago Center (\$1,200) to allow him to participate in the Inter Policy School Summit (March 2-3, 2020) organized by the Harris School of Public Policy.



Display at the Musée Licorne, where EHESS Exchange Fellow Natalie Smith conducted dissertation research.

Chetna Hareesh Kumar, an M.A. student at Sciences Po, received a travel award from the France Chicago Center (\$1,200) to allow her to participate in the Inter Policy School Summit (March 2-3, 2020) organized by the Harris School of Public Policy.

In addition to these travel grants conferred to individual students, the France Chicago Center contributed \$5,000 toward transatlantic travel expenses incurred by UChicago Ph.D. students involved with research conducted under the auspices of the CNRS-UChicago Research Partnership.

Internship Support Travel Grants

Adriana Bazan Fuster, a M.A. student at the Harris School of Public Policy, received a Summer Internship Travel Grant (\$4,000) to defray expenses associated with conducting an internship at the Organization for Economic and Cooperative Development (OECD) in Paris.

Takuyo Ozaki, a Masters student at the Harris School of Public Policy, received a Summer Internship Travel Grant (\$4,000) to defray expenses associated with conducting an internship at the Organization for Economic and Cooperative Development (OECD) in Paris.

Sidra Siddiqui, a Master's degree student at the School of Social Service Administration (SSA), received a Summer Internship Travel Grant (\$4,000) to defray expenses associated with conducting an internship at Refugee Youth Services in Calais.

Juliet Gutierrez, a Master's degree student at the School of Social Service Administration (SSA), received a Summer Internship Travel Grant (\$4,000) to defray expenses associated with conducting an internship at Help Refugees! Services in Calais.

Amani Fawaz, a third-year Neuroscience major in the College, received a Summer Internship Travel Grant to conduct research in Nathalie Rouach's lab at the Collège de France.

Dhiraj Patel, a third-year Neuroscience major in the College, received a Summer Internship Travel Grant to conduct research in Virginie Monceau's lab at the Collège de France.

Katherine Green, a third-year Neuroscience major in the College, received a Summer Internship Travel Grant to conduct research in Laurent Venance's lab at the Collège de France.

Riley Trettel, a third-year Chemistry major in the College, received a Summer Internship Travel Grant to conduct research in Alain Prochiantz's lab at the Collège de France.

Sophia Horowicz, a second-year Neuroscience major in the College, received a Summer Internship Travel Grant to conduct research in Claire Wyart lab at ICM-Salpêtrière.

COLLABORATIVE RESEARCH IN THE SCIENCES (FACCTS)

Seed funding from the FACCTS enhances scientific research by encouraging closer ties between Chicago researchers and high-level research teams in France. Award were given to teams of scientists who take innovative approaches to solving complex problems and who show potential for successful and sustainable collaboration.

In 2020, the FACCTS program received a total of 27 applications, with applicants requesting a total of \$623,298. Sixteen projects were selected—six in the Physical Sciences, six in the Biological Sciences, one at the Pritzker School of Molecular Engineering, two at Argonne National Laboratory, and one at Fermilab Accelerator National Laboratory. A total of \$349,400 was committed to these projects, with each project receiving commitments ranging from \$4,000 to \$40,000. The average amount of an award was \$21,838; the median award was \$20,000.

The table on the opposite page summarizes the research projects supported this year. More complete information and project descriptions can be found in the appendices on pages 30-34.

PROPOSAL TITLE	UCHICAGO PI	DEPARTMENT	DIVISION OR LAB	PARTNER IN FRANCE	INSTITUTION	AWARD
Reconfigurable Optical Matter Materials and Driven Optofluidics*	Norbert Scherer	Chemistry	PSD	Delphine Coursault	University of Bordeaux	\$20,000
Long Time Asymptotics and the Soliton Resolution Conjecture for Nonlinear Wave and Dispersive Models	Carlos Kenig	Mathematics	PSD	Frank Merle	University of Cergy-Pontoise, IHES	\$20,000
Causality in Fundamental Physics*	Clay Cordova	Physics	PSD	Eric Perlmutter	IPhT Saclay	\$25,000
A Novel Method to Detect Dark Matter and Neutrinos	Paolo Privitera	Astronomy & Astrophysics	PSD	Antoine Letessier-Selvon	LPNHE	\$17,600
Water Vapor and Ice Clouds over the Asian Monsoon*	Elisabeth Moyer	Geophysical Sciences	PSD	Sergey Khaykin	UVSQ, LATMOS	\$4,000
ATLAS Tile Calorimeter Upgrade	Mark Oreglia	Physics	PSD	David Calvet	Université de Blaise Pascal	\$20,000
Evolution-based Engineering of Protein Function	Rama Ranganathan	Biochemistry & Molecular Biology	BSD	Olivier Rivoire	Collège de France	\$26,500
Metabolism-mediated Regulation of Gene Expression in Male Germ Cell Development and Cancer	Yingming Zhao	Cancer Research	BSD	Saadi Khochbin	CNRS, INSERM, Grenoble-Alps University	\$20,000
Dynamic Control of Force Generation in Early Ascidian Embryos	Edwin Munro	Cell & Molecular Biology	BSD	Patrick Lemaire	CRBM, Montpellier	\$19,000
Actin Cytoskeleton Self-Organization In Confined Reaction Volumes	David Kovar	Cell & Molecular Biology	BSD	Laurent Blanchoin	CEA Grenoble	\$24,300
Protein-Protein Recognition and Synatogenesis	Benoit Roux	Biochemistry & Molecular Biology	BSD	Christophe Chipot	Université de Lorraine, INC	\$20,000
Distribution and Genomic Variation of Wolbachia Mobile Genetic Elements in Natural Mosquito Populations Worldwide*	A. Murat Eren	Medicine, Committee on Microbiology	BSD	Julie Reveillaud	Montpellier University, INRA	\$16,000
ILLINOIS: Thermotropic Ionic Liquid Crystal: Encoding Dimensionality-Controlled & Nanoconfined Ionic Transport	Paul Nealey	Pritzker School of Molecular Engineering	PME	Patrice Rannou	CNRS, Alps-Grenoble University	\$20,000
Quantum Device Simulator	Martin Suchara	Computational Science	ANL	Cyril Allouche	ATOS	\$40,000
Straight out of the Asteroid Belt to the Inelastic Lines at the Advanced Photon Source	Ercan Alp	X-Ray Science Division	ANL	Mathieu Roskosz	Muséum National d'Histoire Naturelle	\$40,000
SiPM Technology in Liquid Argon High Voltage System	Flavio Cavanna	Neutrino Science	Fermilab	Dominique Duchesneau	IN2P3, LAPP	\$17,000

* underwritten by FCC's Support Council in the Sciences (Confrères)

EVENTS

Conferences/Concerts/Film Events

CHAS Workshop on Health Policy

Jointly organized by Sciences Po, this Workshop—one in a series sponsored by FCC—was designed to bring together health policy researchers to examine the processes by which social science research and evaluation influence innovation and reform in the health sector. Organized by Jeanne Marsh (SSA) and Henri Bergeron (Sciences Po). September 18-19, 2019.

W.E.B. Du Bois: Foundations, Circulation & Legacies

Organized on the occasion of the 100th anniversary of the first Pan-African Congress in Paris in 1919, this colloquium examined various aspects of W.E.B. Du Bois's thought, work and legacy in contemporary America, Europe and Africa. Organized by Leora Auslander (History), Tom Holt (History) and others. October 17-19, 2019.

Panel discussion during the conference on W.E.B. Du Bois at the University's Center in Paris. Left to right: Marie-Jeanne Rossignol (Université de Paris), Chad Williams (Brandeis University), Sarah Fila-Bakabadio (Université de Cergy-Pontoise), and Claire Parfait (Université de Villetaneuse).



Champs-Élysées Film Festival in Chicago

The US premier of two recent award-winning French movies with English subtitles: *Je sors acheter des cigarettes* (13 min.) by Osman Cerfon and *Daniel fait face* (59 min.) by Marine Atlan, as well as an introduction and Q&A in French/English by the director of the festival, Justine Lévêque. Organized by Sylvie Goutas and Alice McLean. October 23, 2019.

Religion's Turn

Conference that convened scholars working in the field of continental philosophy of religions at four Chicago-area institutions: University of Chicago, Loyola University, Northwestern University, and DePaul University. The two-day event included a keynote by de Vries, a roundtable on the state of the field, and three panels. Organized by William Underwood, Sam Catlin, and Ryan Coyne (Divinity School). October 24-25, 2019.

Not in Search of Messages: A Primo Levi Study Day

This workshop brought together a group of scholars from various fields for a study day to commemorate Primo Levi's 100th birthday. A keynote lecture by Philippe Mesnard (Université Clermont Auvergne) set the stage for broad discussion of various relevant texts. Organized by Na'ama Rokem (NELC). October 28-29, 2019.

Jewish Different Under Empire

A two-day that examined the ramifications of France's colonial history for Jewish life in the twentieth century. Topics addressed include: the influence of colonization on Jewish practice and identity in France, the overlaps between this history and postcolonial thought, and the impact on Zionism in France. Organized by Mendel Kranz and Kirsten Collins (Divinity School). November 4-5, 2019.

Great Lakes Old Regime France

An annual one-day meeting combining presentations of graduate student research with the discussion of recently published work in the field—with participants from Northwestern, UW Madison, UM Ann Arbor, IU Bloomington, UI Champaign Urbana, Notre Dame, UM Twin Cities, Central Michigan, and the University of Chicago. Organized by Paul Cheney (History). November 9, 2019.



Scenes from *Daniel Fait Face* (2018, Marine Atlan) screened as part of the Champs-Élysées Film Festival at the University of Chicago.



November 9 performance by the Bridge 2.02.

Bridge #2.02

A performance by Bridge #2.02, a transatlantic creative music ensemble that features Mai Sugimoto (alto sax.), Raymond Boni (guitar), Anton Hatwich (bass), and Paul Rogers (bass). The performance was followed by a public round-table discussion with the musicians, led by Daniel Arnold (University of Chicago) and Alexandre Pierrepont (Executive Director of The Bridge). November 9, 2019.

Classical Antiquity and Modern Institutions

By focusing on powerful institutions such as the Royal Academies that regulated language, literature, and the arts, this one-day colloquium reevaluated the problematic place of Greco-Roman antiquity in the “French Classical Age.” This was part of an ongoing collaboration between the University of Chicago and the Institut d’Histoire des Représentations et des Idées (IHRIM) at the Université de Lyon-Saint Etienne. Organized by Larry Norman (Romance Language & Literatures) and others. October 4, 2019.

Reinventing Cities

A half-day dialogue between scholars and practitioners that featured presentations by Jeanne Gang (Founding Principal Architect of Studio Gang) and Jean-Louis Missika (Deputy Mayor for Urban Planning, Architecture, and the “Grand Paris” Project) followed by panel discussions with participation of: Dominique Alba (Director of the Paris Urbanism Agency—APUR), Luis Bettencourt (University of Chicago), and Charlie Catlett (University of Chicago) and several representative of Station-F in Paris. Organized by Robert Morrissey (Romance Languages & Languages), Alan Kolata (Anthropology) and others. November 15, 2019.

The Performative Codex: The Gellone Sacramentary

A colloquium—featuring Charlotte Denoël (BNF) and Isabelle Marchesin (INHA)—that examined the semantics of the seminal text (Gellone Sacramentary) and on the manner in which images interact with the text in order to enhance the performative qualities of its verbalisation. Organized by Nancy Thebaut (History of Art). December 6, 2019.

Student participants in IPSS 2020: City Resilience and Climate Change.





French filmmaker, François Ozon (left) in conversation with Jennifer Wild (right), Associate Professor in CMS/RLL and FCC Faculty Director.

City Resilience and Climate Change

The 2020 convening of the Inter Policy School Summit, with a keynote address by Malu Blázquez, who leads the Center for a New Economy's *ReImagina Puerto Rico* initiative, which works towards the swift recovery and coordinated reconstruction of Puerto Rico. Organized by the Harris School of Public Policy in conjunction with the Aspen Institute's Energy & Environment Program. March 2-3, 2020.

The Nights Tale: A Tournament of Love

A production inspired by *Le Tournoi de Chauvency*, a poem by trouvère Jacques Bretel about the tournament that drew over 500 of the greatest knights from Germany and France to Lorraine, France, in 1285. This performance—organized by UChicago Presents—was to have been performed by the Boston Camerata led by director, singer, and scholar Anne Azema. April 17, 2020—canceled.

Public Lectures

Conor Bracken, independent translator, in conversation with Khalid Lyamlahy (Romance Languages & Literatures) about Mohammed Khauir-Eddine's recent novel *The Scorpionic Sun*. October 18, 2019, at the Seminary Co-op Bookstore.

François Ozon, critically acclaimed filmmaker, gave the Marianne Midwest lecture entitled "Beyond Appearances: An evening with François Ozon," with discussion moderated by Jennifer Wild (Cinema & Media Studies). October 23, 2019, in Logan Center #201.

Hent de Vries, New York University, gave the keynote address entitled "The Turn at 20" at the *Religion's Turn* student conference. October 24, 2019, in Swift Lecture Hall.

Philippe Mesnard, Université Clermont Auvergne, gave the keynote address entitled “The Truth of the Witness According to Primo Levi” for the *Afterlives of Survivors* conference. October 28, 2019, at the Franke Institute for the Humanities.

Lyonel Trouillot, Haitian author, in conversation with Bastien Craipain (Romance Languages & Literatures) discussing Trouillot’s novel *Kanrijawou: A Novel of Haiti*. November 17, 2019, at the Seminary Co-op Bookstore.

Sarah Hammerschlag, Divinity School at UChicago, spoke on “In Denial: Philosophy and the Fear of Death” at the Night of Ideas. January 31, 2020, at the Field Museum.

Khalid Lyamlahy, Romance Languages & Literatures at UChicago, spoke on “The Poetic Tree is Alive: Poetic Voices and Spaces in North Africa” at the Night of Ideas. January 31, 2020, at the Field Museum.

Agnes Callard, Philosophy at UChicago, spoke on “The Meaning of Being Alive” at the Night of Ideas. January 31, 2020, at the Field Museum.

Wendy Freedman, Astronomy & Astrophysics at UChicago, spoke on “Our Dynamic and Evolving Universe.” January 31, 2020 at the Field Museum.

Larry Norman & Loriane Lafont, Romance Language & Literatures at UChicago, spoke on “Versailles and Giuseppi Verone: A Contemporary Critique of the Baroque “Tyranny over Nature”” at the Night of Ideas. January 31, 2020, at the Field Museum.

Thomas Pavel, Romance Language & Literatures at UChicago, spoke on “Fiction is About Living Beings” at the Night of Ideas. January 31, 2020, at the Field Museum.

Linda Waite, Sociology at UChicago, spoke on “Why Your Life is a Matter of Life and Death” at the Night of Ideas. January 31, 2020, at the Field Museum.

Alain Bresson, Classics at UChicago, spoke on “The End of the (Ancient) World: An Environmental Crisis?” at the Night of Ideas. January 31, 2020, at the Field Museum.

Michael Greenstone, Economics at UChicago, spoke on “The Global Energy Challenge” at the Night of Ideas. January 31, 2020, at the Field Museum.

Etienne Ollion, CNRS, lectured on “Living in Politics. Careers and Powers after the Second Moment of Political Professionalization in France.” February 20, 2020, in SSRB #401.



The May 15 session of the Workshop on Modern France and the Francophone World.

Workshop Sessions

Hollis Clayson, Bergen Evans Professor in the Humanities at Northwestern University, “*Cherchez la lampe: Charles Marville, Gustave Caillebotte and the Gas Lamppost.*” October 18, 2019 in Classics #021.

Bevin Blaber, Ph.D. Candidate in the Divinity School, “Revolution and Literature: Maurice Blanchot’s Early Literary Reviews.” November 1, 2019, in the John Hope Franklin Room, SSRB #224.

Charlotte Robertson, Ph.D. Candidate in History, “Police Surveillance of the Bourse and Financial Public Opinion in Second Empire Paris.” November 15, 2019, in Wieboldt #207.

Lily Huang, Ph.D. Candidate in History, “The *Durée* of the Body: Henri Bergson’s *Essai sur les données immédiates de la conscience.*” December 6, 2019, in Wieboldt #206.

David Ansari, Teaching Fellow in the Social Sciences, “The Politics of Diversity in Psychotherapy in France.” January 10, 2020, in the John Hope Franklin Room, SSRB #224.

Bastien Craipain, Ph.D. Candidate in Romance Languages and Literatures, “There Is No Odd in Ordinary: Louis Joseph Janvier, Haiti, and the Tropics of Racial Science.” January 24, 2020, in the John Hope Franklin Room, SSRB #224.

Emily Rap, Ph.D. Candidate in History, “Litigating the Social Contract in the Eighteenth-Century French Countryside.” February 7, 2020, in the John Hope Franklin Room, SSRB #224.

Oliver Cussen, Ph.D. Candidate in History, “The Rise and Fall of the Coffee Island: Sovereignty and Interest in the French Indian Ocean.” February 21, 2020, in the John Hope Franklin Room, SSRB #224.

Robin Bates, Lecturer in History at Northwestern University, “‘We Must Buy Up Each Colony in Its Entirety’: Abolition, Indemnity and the Definition of Property in the French Empire, 1830-1848.” March 6, 2020, in Wieboldt Hall #207.

Fanny Malègue, Ph.D. Candidate in History at the École des hautes études en sciences sociales, “Imposer la souveraineté par le chiffre ? Les recensements corses et l’État d’Ancien Régime.” May 1, 2020, conducted by videoconference.

Esther Van Dyke, Ph.D. Candidate in Romance Languages and Literatures, “Admiration and Etonnement: the Aesthetics of the Sublime in Corneille and Racine.” May 15, 2020, conducted by videoconference.

Colin Jones, Visiting Professor in History, “An Émigrée Noblewoman at the Heart of Revolutionary Paris: The Duchesse d’Elbeuf’s Letters to a Friend 1788-94.” May 29, 2020, conducted by videoconference.

VISITING SCHOLARS & ARTISTS

Denis Bartolo, Professor of Physics at ENS-Lyon, visited Chicago three times this year in the context of the FACCTS-supported research project that he and his UChicago collaborator, William Irvine (Physics) are conducting on active chiral fluids.

Charlotte Denoël, Head of Medieval Manuscript Services at the Bibliothèque Nationale de France, co-led with Isabelle Marchesin (Institut Nationale d’histoire d’art) a workshop on The Gellone Sacramentary that took place on December 6, 2019. The event was organized by Nancy Thebaut (Art History).

Nicolas Détrie, co-director and co-founder of “Yes We Camp” (2013), a temporary social, eco-friendly and artistic campsite in Marseille, France that has drawn thousands of participants from across Europe and the world, engaged students and faculty at the Harris School of Public Policy and SSA, and worked with other organizations in Hyde Park and the city. Mr. Détrie was in Chicago from October through December 2019.

Justine Levêque Artistic Director of the Champs-Élysées Film Festival, spent a week on our campus in October engaging students and faculty in different settings. Most notably, she introduced the American premier of two films on October 23, and moderated a post screening discussion.

Isabelle Marchesin, Associate Professor at the Institut Nationale d’histoire d’art, co-led with Charlotte Denoël (Bibliothèque Nationale de France) a workshop on The Gellone Sacramentary that took place on December 6, 2019. The event was organized by Nancy Thebaut (Art History).

Pierre Mesnard, Professeur and the University of Clermont Auvergne and member of the Institute Universitaire de France, was the keynote speaker in the *Afterlives of Survivors* conference organized by Na’ama Rokem on October 23-24, 2019.

Etienne Ollion, Research CNRS, presented a paper at the Interdisciplinary Politics History and Society workshop. He also held a sociology methods workshop for students, participated in the CISSR Fellows Writing Group, and met with graduate students informally in an office hour setting. He was in Chicago from February 17-March 1, 2020.

François Ozon, critically and popularly acclaimed film director, whose film *By the Grace of God* had had its American debut the night before at the Chicago International Film Festival, came to the University of Chicago campus on October 23, 2019, to participate in a Q&A discussion moderated by Jennifer Wild (Cinema & Media Studies).

A partial list of visiting scholars and artists whose visits to our campus were postponed or canceled due to public health measures include: **Thomas Piketty** (Paris School of Economics), **Azouz Begag** (Author, former Minister), **Dominique Charpin** (Collège de France), **Denis Duboule** (Collège de France), **Anne Azéma** (Boston Camarata), **François Hartog** (EHESS), **Michèle Kahan** (University of Tel-Aviv), **Michelle Zancarini-Fournel** (University of Lyon), **Jean-Claude Zancarini** (ENS-Lyon), **Jessica Ekelmon** (Sound Artist and Musician), and **Paul Maheke** (Performing Artist).

APPENDIX 1

Supplemental Information on FACCTS Applications and Program Administration

FACCTS & Figures

Total FACCTS Applications Received	27
Applications from Faculty Members in the Physical Sciences (PSD)	8
Applications from Faculty Members in the Biological Sciences (BSD)	9
Application from Faculty Member at the Pritzker School (PME)	1
Applications from Researchers at Argonne National Laboratory (ANL)	5
Applications from Researchers at Fermilab	4
Total Funding Requested	\$623,298
Total Requested by PSD Faculty*	\$151,223
Total Requested by BSD Faculty*	\$177,075
Total Requested by PME Faculty*	\$20,000
Total Requested by Researchers at ANL	\$200,000
Total Requested by Researchers at Fermilab	\$75,000
Total Number of FACCTS Grants Awarded	16
Recipients in PSD	6
Recipients in BSD	6
Recipient at PME	1
Recipients at ANL	2
Recipient at Fermilab	1
Total Funding Allocated to FACCTS Projects in 2020	\$349,400
Allocated to Projects in PSD	\$106,600
Allocated to Projects in BSD	\$125,800
Allocated to Projects at PME	\$20,000
Allocated to the ANL-Based Projects	\$80,000
Allocated to the Fermilab-Based Project	\$17,000
Average Amount of Each Request	\$23,085
Average Amount of Each Award	\$21,838

Partners/Stakeholders

Argonne National Laboratory	\$80,000
Members of the France Chicago Center Support Council in the Sciences (Confrères)	\$60,000
France Chicago Center	\$26,925
Office of the Provost of the University of Chicago	\$25,000
Division of the Physical Sciences	\$25,000
Division of the Biological Sciences	\$25,000
French Ministry of Higher Education, Research, and Innovation	\$23,575
Office of Science and Technology at the Embassy of France in Washington	\$20,000
Pritzker School for Molecular Engineering	\$20,000
Fermilab National Accelerator Laboratory	\$17,000
Office of the EVP for Research	\$15,000
University of Paris Sciences et Lettres (PSL)	\$11,500
Total	\$349,400

APPENDIX 2

Supplemental Information on FACCTS Applications and Program Administration

Reconfigurable Optical Matter Materials and Driven Optofluidics

Chicago PI:Norbert Scherer (Physics)
Key Individual in France: Delphine Coursault (University of Bordeaux)
Level of FACCTS funding over 2 Years: \$20,000

PROJECT SUMMARY: Optofluidics, the synergistic integration of optics and micro/nanofluidics, has great potential to synthesize novel functionalities. The forward approach uses fluidics to control light (e.g. with tunable lenses), whereas the inverse approach uses light to control fluids (e.g. with optical tweezers). We propose to synergistically combine light and colloidal fluids in order to create light-reconfigurable photonic structures. More specifically, we will use structured optical traps to direct interactions between particles of non-spherical shape in order to control their spatial distribution and investigate their stability. With this collaborative proposal, the team seeks to understand multi-particle interaction in the presence of competing forces.

This collaboration is supported by Sandra Barreto, a member of the FCC's Support Council in the Sciences (Confrères).

Long Time Asymptotics and the Soliton Resolution Conjecture for Nonlinear Wave and Dispersive models

Chicago PI:Carlos Kenig (Mathematics)
Key Individual in France: Frank Merle (University of Cergy-Pontoise, IHES)
Level of FACCTS funding over 2 years: \$20,000

PROJECT SUMMARY: Nonlinear partial differential equations with time reversibility, like dispersive and wave equations, appear in problems of wave propagation in physics and geometry. The proposal's aim is to significantly advance our understanding of the long time asymptotic behavior of solutions to these nonlinear equations, with a larger goal of establishing broadly the soliton resolution conjecture, a grand challenge in the field. Loosely speaking, this conjecture states that the long time evolution of a general solution of a hyperbolic or dispersive equation, asymptotically in time, decouples into a sum of modulated traveling waves (solitons) and free radiation. This is a remarkable claim, since it asserts that the very complex dynamics of a general solution can always be understood asymptotically as a superposition of simpler nonlinear objects.

Causality in Fundamental Physics

Chicago PI:Clay Cordova (Physics)
Key Individual in France: Eric Perlmutter (IPhT Saclay)
Level of FACCTS funding over 2 years: \$25,000

PROJECT SUMMARY: Causality is a foundational underpinning of the laws of physics. This collaborative research proposal seeks to systematically understand the constraints of causality on quantum field theory, a unifying framework for diverse physical phenomena. The goal of this research is to build on recently developed positivity conditions to constrain the basic data of quantum field theories such as particle masses, critical exponents, and coupling constants. This will be carried out both by applying recently developed techniques to new and important examples, as well as by ambitiously developing new positivity principles in quantum field theory and exploring their consequences for systems ranging from elementary particles to phases of matter.

This collaboration is supported by George Austin, a member of the FCC's Support Council in the Sciences (Confrères)

A Novel Method to Detect Dark Matter and Neutrinos

Chicago PI: Paolo Privitera (Astronomy & Astrophysics)
Key Individual in France: Antoine Letessier Selvon (LPNHE)
Level of FACCTS funding over 2 years: \$17,600

PROJECT SUMMARY: We propose a novel method to detect nuclear recoils induced by massive dark matter particles and low energy neutrinos in Charge Coupled Devices (CCDs), originally developed for the DAMIC-M experiment. The method is based on the identification of defects produced in the silicon lattice of the CCD by nuclear recoils. The corresponding 20 eV threshold will result in an order of magnitude increase in the detection rate with respect to the standard method based on ionization. With FACCTS funding the LPNHE and UChicago groups will develop the experimental technique, implement its use for dark matter detection in DAMIC-M, and prepare a Letter Of Intent towards the installation of a neutrino CCD detector at the European Spallation Source.

Water Vapor and Ice Clouds over the Asian Monsoon

Chicago PI: Elisabeth Moyer (Geophysical Sciences)
Key Individual in France: Sergey Khaykin (UVSQ, LATMOS)
Level of FACCTS funding over 1 year: \$4,000

PROJECT SUMMARY: The Asian Monsoon is the largest weather system in the world and the largest source of water vapor to the stratosphere. In 2017, an international coalition made the first high-altitude measurements of water vapor and ice clouds over the Asian Monsoon from a high-altitude aircraft and found evidence of deep convective systems reaching up to 18 km. The project was largely European, but PI Moyer was invited to

participate with our Chicago Water Isotope Spectrometer (ChiWIS). Analysis of the resulting measurements is complex and require cooperation by multiple investigators. This proposal requests travel funding for Dr. Sergey Khaykin, PI on the campaign's primary water vapor instrument, to travel to UChicago to collaborate on completing papers describing the primary results of the campaign.

This collaboration is supported by Xiao Zhang, a member of the FCC's Support Council in the Sciences (Confrères)

ATLAS Tile Calorimeter Upgrade

Chicago PI: Mark Oreglia (Physics)
Key Individual in France: David Calvet (Université de Blaise Pascal)
Level of FACCTS funding over 2 years: \$20,000

PROJECT SUMMARY: This funding would permit particle physics teams at Chicago and LPC/Clermont-Ferrand to collaborate on design and prototyping of new electronics for the ATLAS experiment at CERN's Large Hadron Collider (LHC). While ATLAS is an existing (and successful!) experiment, much of the electronics must be upgraded for the next running period where the intensity of the particle collisions will be increased. We have designed new electronics, but for CERN to approve the design and allow us to submit proposals to the funding agencies we must build and debug prototypes and demonstrate that they meet specifications. Chicago has designed one half of the system, and Clermont the other. We need to work together to show the whole system works.

Evolution-based Engineering of Protein Function

Chicago PI: Rama Ranganathan (Biochemistry & Molecular Biology)
Key Individual in France: Olivier Rivoire (Collège de France)
Level of FACCTS funding over 2 years: \$25,000

PROJECT SUMMARY: Nature builds proteins that can fold spontaneously, carry out complex chemical reactions, and can adapt towards new functions as conditions randomly vary in the environment. Of these properties, adaptability is the least well understood. Indeed, it has never been generally explained how proteins can acquire new functions in a manner that is consistent with the Darwinian concept of stepwise variation and selection. In this proposal, we describe a set of new experiments using emerging technologies to carry out a comprehensive analysis of acquisition of new function in an enzyme. The work is motivated by clear hypotheses coming from computational models of evolution, and could provide a clear basis to understand the capacity of natural proteins to adapt.

This collaboration is supported in part by the Université de Paris Sciences et Lettres (PSL) through a broader agreement linking the University of Chicago with PSL.

Metabolism-mediated Regulation of Gene Expression in Male Germ Cell Development and Cancer

Chicago PI: Yingming Zhao (Cancer Research)
Key Individual in France: Saadi Khochbin (CNRS, INSERM, Grenoble-Alps University)
Level of FACCTS funding over 2 years: \$20,000

PROJECT SUMMARY: Protein post-translational modifications (PTMs) of histones, a group of proteins found in eukaryotes organizing DNA into structural units, play a pivotal role in gene expression regulation, and drive development and various pathologies. Our recent discovery of ten types of histone PTMs opened a new avenue in chromatin biology on studying mechanisms of gene expression. This proposal brings together the strengths of an accomplished and innovative investigator in proteomics and biochemistry (Zhao, Chicago) and that of a creative and productive investigator in the transcriptional regulation, molecular biology and cancer (Khochbin, France), who started collaboration a decade ago. This complementary team of associated laboratories will investigate mechanisms by which lactate, an important metabolite with wide roles in physiology, regulates gene expression in development and cancer.

Dynamic Control of Force Generation in Early Ascidian Embryos

Chicago PI: Ed Munro (Cell & Molecular Biology)
Key Individual in France: Patrick Lemaire (CRBM, Montpellier)
Level of FACCTS funding over 2 years: \$19,000

PROJECT SUMMARY: A fundamental challenge in development is to understand how embryos organize cellular force generation in space and time to shape tissues and organs. We will join forces with Patrick Lemaire's group in Montpellier to explore how embryos of our simple relative – the ascidian – pattern actomyosin-based contractility to shape itself during early development. To this end, we will combine high resolution 3D multicolor light sheet microscopy developed by Patrick's group with robust force inference methods developed by us and collaborator Madhav Mani to ask to what extent can distributions of force generating Myosin II motors explain the distributions of forces that shape the early embryo. This work will set the stage for deeper analysis of how ascidian embryos achieve robust spatiotemporal control over morphogenesis.

Actin Cytoskeleton Self-Organization In Confined Reaction Volumes

Chicago PI: David Kovar (Cell & Molecular Biology)
Key Individual in France: Laurent Blanchoin (CEA Grenoble)
Level of FACCTS funding over 2 years: \$24,300

PROJECT SUMMARY: Cells assemble macromolecular structures like organelles from a common set of components. The actin cytoskeleton is an ideal model for investigating mechanisms of cellular self-organization, as functionally diverse actin filament (F-actin)

networks recruit different actin-binding proteins (ABPs) that control their formation and dynamics. How the correct set of ABPs self-sort to different F-actin networks remains unclear, although preliminary evidence suggests that a hierarchy of competitive and cooperative ABP interactions facilitates their differential sorting. We therefore hypothesize that limited cellular concentrations of some ABPs reduce their ability to effectively compete or cooperate with other ABPs. Thus, we propose to reconstitute ABP sorting in a confined biochemical reaction volume to understand how ABP localization to F-actin networks is influenced by depletion of competing and cooperating ABPs.

Protein-Protein Recognition and Synatogenesis

Chicago PI: Benoit Roux (Biochemistry & Molecular Biology)
 Key Individual in France: Christophe Chipot (Université de Lorraine, INC)
 Level of FACCTS funding over 2 years: \$20,000

PROJECT SUMMARY: The interaction of Deffective in Proboscis Extension Response proteins (Dpr's), and Dpr interacting proteins (DIPs), mediate neural cell adhesions and are critical for synapse formation specificity. Our objective is to determine the molecular basis of the specificity of Dpr-DIP interactions that encodes the synaptic connectivity pattern during brain development by calculating the binding affinity of proteins to their "cognate" and "non-cognate" partners. We break down the binding process into several physical steps, and express the binding free energy as a sum of terms associated with each step, determined by molecular dynamics simulations. The project will benefit from the longstanding experience of the French and the American partners in free energy calculations, and involves the joint mentorship of a French graduate student.

Distribution and Genomic Variation of Wolbachia Mobile Genetic Elements in Natural Mosquito Populations Worldwide

Chicago PI: A. Murat Eren (Medicine, Committee on Microbiology)
 Key Individual in France: Julie Réveillaud (Montpellier University, INRA)
 Level of FACCTS funding over 2 years: \$16,000

PROJECT SUMMARY: The burden of mosquito-transmitted diseases such as Dengue or Zika continue to increase globally, representing one of the most significant public health threats. A microbe called Wolbachia, found naturally in more 70% of insects can block the transmission of pathogens and manipulate mosquito reproduction, representing one of the most promising tools to control the spread of diseases. In a recent study, we developed a new method to investigate the genetic blueprint of Wolbachia from the ovaries of wild mosquitoes, one individual at the time. We discovered a set of new 'jumping genes' including a tiny, circular and independent molecule called a plasmid, which could hold key for infectious disease control. The proposed project aims to unravel the diversity and role of these mobile elements worldwide.

This collaboration is supported by Daniel Weissbluth and Kara Schupp, two members of FCC's Support Council in the Sciences (Confrères)

ILLINOIS: Thermotropic Ionic Liquid Crystal: Encoding Dimensionality-controlled & Nanoconfined Ionic Transport

Chicago PI: Paul Nealey (PME)
 Key Individual in France: Patrice Rannou (CNRS, Alps-Grenoble University)
 Level of FACCTS Funding over 2 years: \$20,000

PROJECT SUMMARY: The France/US collaborative research project ILLINOIS aims at exploring dimensionality-controlled and nanoconfined ionic transport encoded within precise morphologies resulting from tailored made (SyMMES partner) thermotropic ionic liquid crystals (TILCs), i.e. functional thermotropic liquid crystals exhibiting ionic conductivity. Capitalizing on respective expertise & know how (functional soft-matter for Information Technology (IT) & Energy) gathered here for the first time, the two teams will open doors to soft matter-based model systems for nano-ionics/fluidics allowing the study of many-body effects for ions confined over of a tunable by design (molecular engineering of TILCs) 5>1nm length scale. The IT industry-compatible directed self-assembly processing (PME partner) of TILCs will be implemented to drive their defect-free self-assembly into new ionic conductor blueprint exhibiting structure-regulated nanionic pathways promoting fast ion transport.

Quantum Device Simulator

Chicago PI: Martin Suchara (Argonne National Laboratory)
 Key Individual in France: Cyril Allouche (ATOS)
 Level of FACCTS funding over 2 years: \$40,000

PROJECT SUMMARY: We propose to develop a large-scale quantum simulator that will (1) allow accurate characterization of noise present in quantum devices, (2) enable the development of new techniques for reliable computing with noisy quantum devices, and (3) facilitate more efficient experimental design of quantum technologies that include multi-qubit systems. The work will be done in close collaboration with Atos, a French multinational company that developed the world's highest-performing commercially available quantum simulator. This project will fund two 3- to 6-month internships over a two-year period for a graduate student from an accredited university in France. The student will work at Argonne under the supervision of Martin Suchara and Yuri Alexeev. Atos will provide additional expertise, matching funds, and help with selection of the student.

Straight out of the Asteroid Belt to the Inelastic Lines at the Advanced Photon Source

Chicago PI: Ercan Alp (Argonne National Laboratory)
 Key Individual in France: Mathieu Roskosz (Muséum National d'Histoire Naturelle)
 Level of FACCTS funding over 2 years: \$40,000

PROJECT SUMMARY: The Hayabusa 2 mission will return, for the first time in history, samples from the carbonaceous primitive Asteroid Ryugu. The spacecraft is on its way to Earth, and will be here at the end of 2020. We conducted experiments at the Advanced

Photon Source at ANL and demonstrated that we can identify minerals and unravel redox evolution on such asteroidal materials using Synchrotron Mössbauer Spectroscopy and nuclear resonant inelastic x-ray scattering on test samples provided by the “HY2 minpet coarse-grain analysis” team. We are now officially qualified and we will be some of the

very first scientists to analyze these unique samples. We are expected to build the keystone database of prototypical meteorite samples and synthetic mineral analogs to offer the interpretative network.

APPENDIX 3

CNRS-UChicago Research Partnership

PROJECT TITLE	UCHICAGO INVESTIGATOR	DEPARTMENT/ DIVISION	CNRS INVESTIGATOR	LAB/INSTITUTE/ UNIVERSITY	YEAR
Coupling Active and Passive Liquid Crystals	Juan De Pablo	PME	Teresa Lopez-Leon	ESPCI Paris	2019
How is Sensory Information Transformed into Appropriate Motor Output	Ellie Heckscher	Molecular Genetics & Cell Biology	Tihana Jovanic	Université Paris-Sud	2019
Search for Light Dark Matter with DAMIC-M	Paolo Privitera	Astronomy & Astrophysics	Dominique Thers	Université de Nantes, IMT Atlantique	2019
Developing On-Chip Spectrometer with Crystalline Silicon	Eric Shirokoff	Astronomy & Astrophysics	Alessandro Monfardini	Université Grenoble-Alpes	2019
Discovering Common Principles in Learning to Predict in Biological Systems	Stephanie Palmer & Arvind Murugan	OBA & Physics	Aleksandra Walczak	ENS Paris	2019
New Ideas in the Search for Dark Matter	Daniel Hooper	Astronomy & Astrophysics	Pasquale D. Serpico	LAPTh / Univ. of Savoie	2020
Probing Electronic Structure of Infrared Metamaterial Based on Colloidal Nanocrystals	Philippe Guyot-Sionnest	Physics & Chemistry	Emmanuel Lhuillier	Sorbonne Université	2020
Functional Polyelectrolyte Complex Micelles with Elastin-Like Peptide Segments	Matt Tirrell	PME	Sébastien Lecommandoux	Université de Bordeaux	2020
Decoding the Role of Enhancer Priming on Transcriptional Bursting	John Reinitz	Statistics, Ecology & Evolution	Mounia Lagha & Ovidiu Radulescu	Université de Montpellier	2020
Multisensory Cognition in the Nose: Interactions between Olfactory and Trigeminal Senses	Leslie M. Kay	Psychology	Claire Martin	Université Paris Diderot	2020
Montesquieu and the Federalist Papers	Paul Cheney, Robert Morrissey, Jennifer Pitts	History, Literature, Political Science	Celine Spector	Sorbonne Université	2020

FINANCIAL SUMMARY¹

Revenue:

Endowment Revenue ²	\$153,300
Unrestricted Support from University of Chicago Units ³	\$52,000
Programmatic Support from University of Chicago Units ⁴	\$251,500
Programmatic Support from National Laboratories ⁵	\$97,000
Programmatic Support from the French Ministry of Foreign Affairs ⁶ ..	\$50,100
Programmatic Support from the French Ministry of Higher Education ⁷ ..	\$43,600
Programmatic Support from Private Donors ⁸	\$60,000
Total	\$707,500

Expenditures:

Student Mobility ⁹	\$106,600
Collaborative Research in the Sciences (FACCTS) ¹⁰	\$349,400
Scholarly Visits and Events ¹¹	\$74,100
Outreach	\$13,400
Administrative Expenses ¹²	\$53,200
Total	\$596,700

¹ This financial summary was finalized prior to the end of fiscal year 2020. For that reason some figures are based on projections. All figures are rounded to the nearest hundreds.

² FCC endowment value as of 3/31/20 was \$2,933,218. The payout formula is determined by the University of Chicago Board of Trustees.

³ This figure includes unrestricted support from the Harris School of Public Policy, the Division of the Humanities, the Division of the Social Sciences, the School of Social Service Administration, and the Divinity School.

⁴ This figure includes contributions from UChicago units in support of: FACCTS, The Collège de France Exchange initiatives, The Bridge concerts and discussion, various conferences, the EHESS exchange fellowships, and the Workshop on Interdisciplinary Approaches to Modern France and the Francophone World.

⁵ Includes funding provided by Argonne National Laboratory and Fermilab National Accelerator Laboratory in support of three FACCTS collaborations.

⁶ Includes an unrestricted financial contribution to the FACCTS program, support of the visit to campus by Dorothée Munyanéza, Nicolas Détrie, François Ozon, Barbara Stiegler, and restricted funds made available through the French government's Make Our Planet Great Again initiative.

⁷ For support of FCC's student mobility initiatives (\$20,000) and FACCTS (\$23,600)

⁸ Includes contributions to the FACCTS program by members of FCC's Support Council in the Sciences (Confrères).

⁹ Included in this figure are: 3 fellowships (\$56,000), 14 Research or Language-Study Travel Grants (\$24,600), and 9 Summer Internship Travel Grants (\$21,000)

¹⁰ See appendix for more detail.

¹¹ Costs associated with: 3 longer-term scholarly visits, 14 colloquia, 21 public lectures, and 15 workshop sessions.

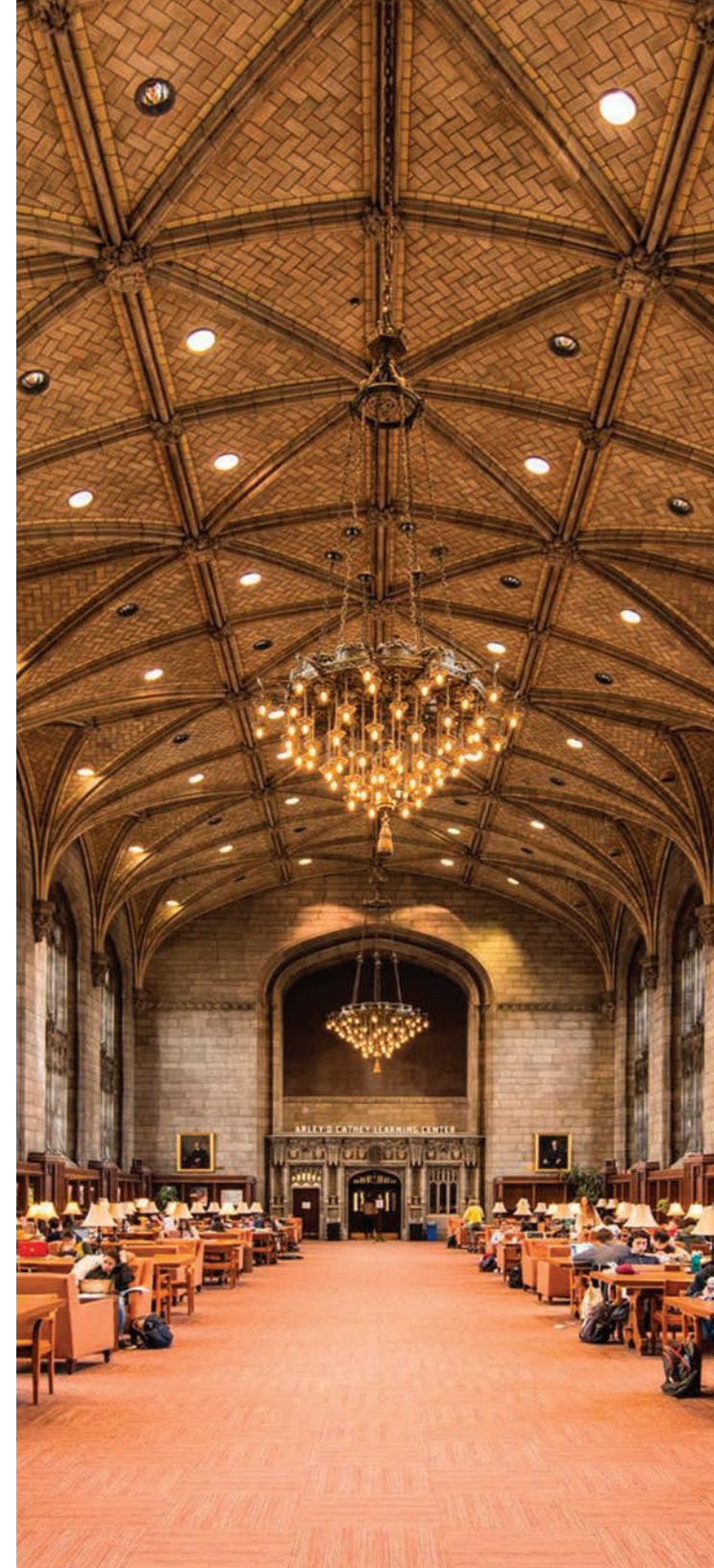
¹² Includes salary and benefits for 1 half-time administrator, 1 student part-time office assistant, and various supplies, services, and business travel costs.

ACKNOWLEDGMENTS

The France Chicago Center gratefully acknowledges the many partners whose collaborative efforts and support were so crucial to FCC's programming and organizational development. Specifically, we would like to thank:

- the Division of the Social Sciences for the valuable administrative and financial support it provides
- the Division of the Humanities, the Harris School of Public Policy, the Divinity School, and the School of Social Service Administration for underwriting FCC's administrative expenses
- the Office of the Provost for its strong financial support of our Collège de France and FACCTS initiatives
- the Divisions of the Biological and Physical Sciences, the Pritzker School of Molecular Engineering, UChicago Global, and all of our university and national-laboratory FACCTS stakeholders whose partnership makes this seed-funding program such a success
- **Minh-Hà Pham** and her team in the Office of International Relations at Université PSL for their partnership and their participation in FACCTS
- our partners at the Consulate General of France in Chicago, in particular **Guillaume Lacroix** (Consul General), **Tanguy Accart** (Cultural Attaché), **Marine Reuflet** (Deputy Cultural Attachée), **James Dat** (Scientific Attaché), and **Benjamin Doreilh** (Deputy Scientific Attaché)
- our partners at the Embassy of France in the United States, in particular **Yves Frénot** (Scientific Counselor) and **Gaëtan Bruel** (Cultural Counselor) for the significant financial, logistic, and programmatic support they provide
- **Bernard Larrouturou, Denis Despréaux, Nadine Van der Tol, Patricia Geltz-Vasselle, and Elise Binet**, and their colleagues at the French Ministry of Higher Education, Research and Innovation for partnering with FCC to support and further develop our activities in the areas of collaborative scientific research and student mobility
- the members of our Support Council in the Sciences—**George Austin, Sandra Barreto, Tem Horwitz, Bradley Langer, Kara Schupp, Richard Tomlinson, Daniel Weissbluth, and Xiao Zhang**—for their generous support of collaborative scientific research
- the University of Chicago faculty and students whose ideas and energies are at the core of FCC programming

In grateful appreciation for the many contributions of **Bradley Langer** (1955-2020), whose presence among the *Confrères* will be greatly missed.



FRANCE CHICAGO CENTER

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Sandra Barreto
Tem Horwitz
Bradley Langer
Kara Schupp
Daniel Weissbluth
Xiao Zhang

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