



FRANCE-STANFORD CENTER

2019 NEWSLETTER

TABLE OF CONTENTS

- 1 Director's Note
- 2 Conferences & Lectures
- 6 Research
- 6 Collaborative Research
- 9 Fellowships & Internships
- 17 Executive Committee

PROGRAM ADMINISTRATION

Jessica Riskin
Director

Christophe Laux
Associate Director

Isabelle Collignon
Program Manager

FROM THE DIRECTOR

This past year has been full of activity at the France-Stanford Center, as we have brought together pioneering scholars from many fields, institutions, and stages of their careers. We have been delighted and honored to sponsor projects in many areas from the simulation of turbulent mixing in the abyssal waters of the equatorial Pacific Ocean, to the study of endangered languages and texts, to the exploration of the portrayal of the Los Netas gang leader, to name a few.

We also funded three major conferences and some smaller workshops and lectures. These events brought together participants from Stanford, the United States, France and Europe to engage in intellectual discussions on different topics such as ecclesiastical legislation in the late Middle Ages, healthcare, cultural transfers, and endangered languages. The undergraduate internship program, now in its second year, has also proven very successful, enabling Stanford undergraduates to pursue research in France at institutions such as INSERM, Sorbonne University, and the Ecole CentraleSupélec. Also, as part of the center's efforts to develop internships in the arts, we are very pleased to announce a new partnership with the Gagosian Gallery in Paris. We are grateful to these institutions in France for hosting our students during their summer internships. For more information on the center, including a complete list of conferences and grant and fellowship recipients, I invite you to visit the center's [website](#).

As I complete my first year as the center's director, I also would like to acknowledge and thank the members of our executive committee for their tireless work and efforts in providing invaluable expertise, and making sure that the center's mission is fulfilled. We are grateful to our colleagues at Stanford and in France, including the French Embassy in Washington, the French Ministry of Foreign Affairs, the French Cultural Services in New York, the Office for Science & Technology in Washington DC and the French Consulate in San Francisco.

Sincerely,
Jessica Riskin



Jessica Riskin

Jean-Paul Gimon Director of the France-Stanford Center, Professor of History

CONFERENCES & LECTURES

The France-Stanford Center for Interdisciplinary Studies provides funding for scholarly conferences or workshops to be held at Stanford or at any French research institution. In 2018-19, the center brought together over 200 attendees to its lectures, conferences, and workshops, connecting faculty from Stanford and France, students, and the general public.

For more information, please visit our [website](#).

10 Total Events

6 Conferences & Workshops

4 Lectures

CONFERENCES

Emerging Electromagnetic and Radio Frequency Systems for Health Monitoring and Therapy

Fall 2018 – Stanford University



CEA-Leti, a research institute in Grenoble, France, jointly with Stanford University, organized a workshop titled, “Emerging

Electromagnetic and RF Systems for Health Monitoring and Therapy.” Three sessions over two days gathered more than a dozen professors and researchers from France and Stanford. In addition to the enlightening presentations and keynote speeches, this event offered an opportunity to present four projects and share with industry leaders, entrepreneurs, and researchers from the Silicon Valley and the Bay Area about the connection between healthcare and EM waves. Furthermore, the five CEA-Leti researchers who presented during the workshop had the opportunity to connect with their Californian counterparts about collaborative research projects between Stanford and CEA-Leti, notably with Clinattec.

Legal Diffusion in the Late Medieval Church: Local Ecclesiastical Legislation in France and Its Neighbors, 1215-1500

Winter 2019 - Stanford University and Summer 2019 - Metz, France

The two workshops brought together French and American researchers interested in local ecclesiastical legislation in the late Middle Ages. Throughout the later Middle Ages, bishops across western Christendom promulgated legislation to guide the clergy and instruct the faithful within their jurisdictions. Such local ecclesiastical law covered a vast range of topics, from the proper attire of Jews to the punishment of corrupt officials. By exploring the scope, mechanisms, rhythms, and limits of legal transfer between ecclesiastical jurisdictions, the workshop shed new light on the role played by local legislation in advancing—or resisting—this centralizing effort.

“The topic arose from a digital humanities project that I have been coordinating at Stanford’s Center for Spatial and Textual Analysis (CESTA) to assemble a full-text searchable online corpus of medieval episcopal statutes. Through this process, I became interested in the diffusion, exchange, creation, transformation, and resilience of church norms in the 13th and 14th centuries, and in particular the role played by local legislation in advancing—or resisting—the centralizing efforts of the medieval papacy.”

— Rowan Dorin, Department of History, Stanford University



Legal Diffusion in the Late Medieval Church Conference Participants

Cultural Transfers: France and the Latin East in the 12th and 13th Centuries

Spring 2019 - Poitiers, France

Building on the success of the conference, “Southern France and the Latin East in the 13th Century: Crusade, Networks, and Exchanges” (April 19-20, 2018) that took place at Stanford, this international conference focused on the concept of cultural transfer as a concept and methodology during a time and place when linguistic, material, and cultural exchange occurred in various modes. Cultural transfer occurred in hybrid styles of architecture, literary adaptations of various sources, and other cultural practices. Like the aim of the 2018 conference, the principle aim of this conference was to establish lines of communication and intellectual exchange between the Stanford Center for Medieval and Early Modern Studies (CMEMS) and the Center of Advanced Studies in Medieval Civilization (CESCM) at the University of Poitiers. This three-day event included scholars and graduate students from various European and American universities across a wide variety of disciplines.



Cultural Transfers Conference Organizers

“We are grateful for your support, which made the conference possible, and ensured that it was a rich and intellectually exciting experience. Participants from American and other universities—especially the graduate students from Stanford and Poitiers—benefited from being exposed to diverse scholarly practices. We are especially pleased that the research presented at this conference will be published by as a collection of papers by Classiques Garniers.”

— Marisa Galvez, Department of French and Italian, Stanford University



Digital Humanities to Preserve Knowledge and Cultural Heritage: Collaborate, Compute, Share and Visualize

Spring 2019 - Stanford University

The workshop, connected to the Rosetta Project, brought together 20 participants from Stanford University as well as other universities in the United States and in France to discuss digital humanities and how to preserve knowledge and cultural heritage. It was organized in collaboration with the Center for Spatial and Textual Analysis (CESTA) at Stanford.



Digital Humanities Workshop Participants

Rosetta: Resources for Endangered Languages Through Translated Texts

Spring 2019 - Stanford University

During this seminar organized in collaboration with CESTA at Stanford University, grant recipients Ronald Jenn and Amel Fraise from the Université de Lille in France, Shelley Fisher Fishin from Stanford University, and Sheng Zhang, a Ph.D. student at the Université Paris-Saclay in France, presented their interdisciplinary digital humanities research project aiming to help salvage those languages by combining computational linguistics, American literature, and translation studies. This project intends to preserve contemporary endangered languages and assist with their survival through translation, and also puts to use the extant translated versions of a single fictional text—Mark Twain’s *Adventures of Huckleberry Finn*—into a number of low-resourced languages spanning a period of nearly a century and a half. The project relies on the involvement of humans for data collection while natural language processing tools generate language resources (corpora, dictionaries, thesauri, lexicons) for those endangered languages.



“The workshop and the seminar were both terrific! We have had a marvelous series of interactions and are very grateful to the France-Stanford Center for making it all possible.”

— Shelley Fisher Fishkin, Department of English, Stanford University

From the Other Shore: Transcontinental Jewish Journey’s Along Africa’s Shores

Fall 2018 - Stanford University

Mapping Jewish presence along the shores of Africa was the *raison d’être* of the meeting. Participants looked at where and when this presence was attached to European colonialism, and also how it both preceded and outlived colonialism. Additionally, participants examined the “from the shore of the other” perspective, from North Africa to Mauritius to the Indian Ocean, Europe, South Africa, Ethiopia, and the Caribbean.



From the Other Shore Conference Participants

LECTURES

“Casablanca la Juive: Private and Public Architecture 1912-1960” With Jean-Louis Cohen

Fall 2018 - Stanford University



Jean-Louis Cohen from the New York University Institute of Fine Arts gave a lecture on the urban scene of Casablanca during the French Protectorate. Casablanca was characterized by an important Jewish presence, when migrants from the coastal cities, and

later the interior regions, as well as citizens from Algeria and Tunisia joined the already significant presence when Hubert Lyautey’s administration was put into place.

Dialogues: A Conversation With Meryem Alaoui

Winter 2019 - Stanford University



Moroccan author Meryem Alaoui, in conversation with Marie-Pierre Ulloa, a lecturer in French and Francophone studies at Stanford University, shared her thoughts on writing her first novel, *La Vérité sort de la bouche du cheval*, (The Truth Comes out of the

Horse’s Mouth, Gallimard, 2018), about the journey of a female prostitute in the popular Zevaco market of Casablanca.

Le Modèle Noir: Black Models in French Painting, a Historical Context and the Genesis of an Exhibit

Winter 2019 - Stanford University



Pap Ndiaye, professor of History at Sciences Po, where he specializes in the history of Black minorities in the U.S. and France, presented the Musée d’Orsay exhibit, “The Black Modèle from Gericault to Matisse,” focusing on the genesis of this unusual

exhibit in a country where color blindness and the denial of race itself are an integral part of Republican discourse.

Arts de Gouverner, Arts de Raconter: Political Fictions Then and Now

Winter 2019 - Stanford University



A leading medievalist and French public intellectual, Patrick Boucheron from the Collège de France, gave a lecture as part of the Distinguished Lecture Series in the French and Italian Department. Among the dozens of books that he has authored, *Conjurer la*

peur: Sienne 1338 drew international attention.

RESEARCH

The France-Stanford Center facilitates research between Stanford and French Institutions, across all disciplines. It provides funding to faculty, postdocs, young scholars and students.

260K in Research Funding

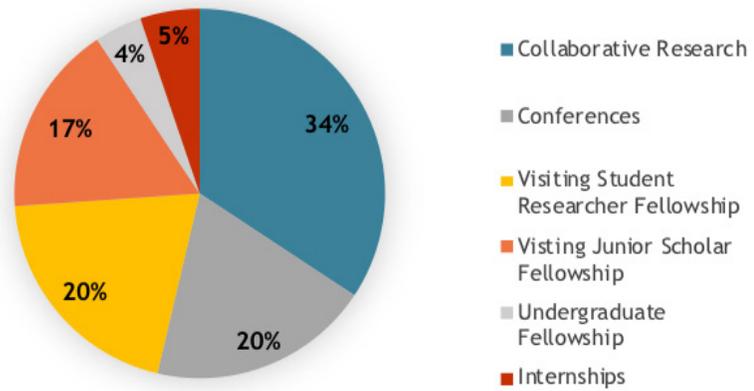
7 Disciplines

18 Faculty

12 Students

7 Junior Scholars

Two projects were funded by the French Climate Plan initiative, **MAKE OUR PLANET GREAT AGAIN** (MOPGA), launched by President Emmanuel Macron in July 2017 to support innovative research related to sustainable energy and the environment.



COLLABORATIVE RESEARCH

The France-Stanford Center sponsors high quality collaborative research projects across all academic disciplines, to foster new linkages and deepen existing connections between French scholars and students and their counterparts at Stanford University.

For more information, please visit our [website](#).

Efficient modeling and inference in population genetics

Julia Palacios, Department of Statistics, Stanford University

Amandine Véber, Centre de Mathématiques Appliquées, Ecole Polytechnique, Palaiseau, France

DNA sequences from a sample of present-day individuals is a record of the evolutionary history of the population. Availability of molecular sequence data from different organisms living today and from ancient DNA samples has enabled reconstruction of past population size trajectories of human populations over the past 150,000 years, the 2014 Ebola virus epidemic in Sierra Leone, and the Hepatitis C virus epidemic in Egypt. This project explored the use of theoretically grounded optimized models of ancestral relationships that exploit the most informative aspects of a large dataset of molecular sequences. The statistical methods developed will be implemented in publicly available software ensuring fast dissemination of our methodology among practitioners.

COLLABORATIVE RESEARCH (CONTINUED)

Simulating turbulent mixing in the abyssal waters of the equatorial Pacific Ocean (MOPGA)

Leif Thomas, Department of Earth System Science, Stanford University

Jonathan Gula, Université de Bretagne Occidentale, Laboratoire d'Océanographie Physique et Spatiale, Brest, France

This collaborative project brought together oceanographers from Stanford University and France to address this topic by simulating turbulent mixing in the Pacific using a state-of-the-art computer model, the Coastal and Regional Ocean Community model (CROCO), which is capable of capturing the physics of ocean waves, circulation, and mixing. CROCO is being developed at the UBO and LEGOS and uses cutting-edge numerical techniques to solve the equations of fluid motion on both the large-scale of ocean basins to the small scales of ocean eddies and turbulence. CROCO does this by using nested grids, a method by which model domains of increasingly finer spatial resolution are embedded in one another. CROCO is being used in this project to study turbulent mixing near the sea floor generated by waves propagating down from the sea surface and breaking as they reflect off the bottom near the equator. This mixing in the deep ocean can drive overturning motions on the large-scale and thus influence the sequestration and transport of heat and carbon in the ocean, affecting the climate.

"I have always wanted to establish a more formal collaboration with my French colleagues, and the FSCIS grant provided me with the perfect opportunity to do so. It has helped strengthen ties with my French colleagues and has opened opportunities for future collaborations. The results will likely be published in the Journal of Physical Oceanography."

— **Leif Thomas**, Department of Earth System Science, Stanford University



Project Team

Addressing barriers to dietary variety by boosting conceptual knowledge about food in preschoolers (BEETROOT)

Ellen Markman, Department of Psychology, Stanford University

Jérémie Lafraine, Institut Paul Bocuse, Ecully, France

The rise of obesity in childhood is a concern in both Europe and North America. The project investigated preschoolers' conceptual development in the food domain and how it underpinned multiple facets of food behaviors. It aimed to design an evidence-based program capitalizing on preschoolers' incipient knowledge about food to promote healthy eating behaviors. This project started an interdisciplinary collaboration between The Markman Lab at Stanford University and Lafraine's Research Group in Cognitive Science at Institut Paul Bocuse Research Center in Lyon, France. The project provided a unique opportunity to merge the work independently conducted by both American and French research teams into a joint evidence-based food education intervention aimed at fostering dietary variety in preschoolers.



BEETROOT Project Team

"With the guidance of experts in the field, I had the delight to design and begin pre-testing a developmental paradigm that can be implemented on my return to France. I have had endless opportunities to engage with fellow researchers in the field of developmental and cognitive psychology. Following on from the pilot study conducted at Stanford University, we will then use the results and paradigm to continue investigating children's eating behaviors. The results will be published in cognitive psychology journals over the next year."

— **Abigail Pickard**, Ph.D. student, Institut Paul Bocuse Research Center, France

Rosetta: resources for endangered languages through translated texts

Shelley Fishkin, Department of English, Stanford University

Ronald Jenn, Université de Lille, Lille, France

Out of the world's 6000+ languages, only a small fraction currently enjoys the benefits of modern information technologies. Languages left behind are known as low-resourced and endangered languages. This collaborative and interdisciplinary digital humanities research project aimed to help create digital resources in those languages by combining computational linguistics, library and information science, American literature, and translation studies.

It researched possibilities of using global translations of Mark Twain's *Adventures of Huckleberry Finn* to develop digital resources for under-resourced languages. Colleagues in Translation Studies and Computer Science from France and Stanford explored the best methods for aligning editions—paragraphs, sentences, etc.—to prepare digital resources in languages including Basque, Bulgarian, Dutch, Finnish, German, Hungarian, Polish, Portuguese, Russian, and Hungarian.

"I wanted to be able to collaborate with French colleagues to explore the possibilities of using translations of a literary text to develop digital resources in under-resourced languages. I knew collaborating with my French colleagues would be productive, and it was."

— Shelley Fisher Fishkin, Department of English, Stanford University



Rosetta Project Team

Synergies between TAU, FUS & TDP-43 in neurodegenerative diseases

Julien Couthouis, Department of Genetics, Stanford University

Luc Dupuis, INSERM, Strasbourg, France

The World Health Organization predicts that between 2015 and 2050, the proportion of the world's population over 60 years old will nearly double. While advances in modern medicine contributed to this general increase in population life expectancy, new public health challenges have arisen. Age associated neurodegenerative disorders are now the fastest growing cause of death in the aging population. Though disparate in their pathophysiology, neurodegenerative diseases are collectively characterized by the accumulation of clumps of protein aggregates in the brain. These researchers are especially interested in two of these diseases: amyotrophic lateral sclerosis (ALS) and frontal temporal lobar degeneration (FTLD).

"The grant helped quite a lot in fostering new collaborations with teams from the same university and will probably lead to a long term collaboration."

— Julien Couthouis, Resident Scientist, Department of Genetics, Stanford University

A nutritional account of global trade: determinants and health implications

Jay Bhattacharya, Center for Health Policy & the Center for Primary Care & Outcomes Research, Stanford University

Lorenzo Rotunno, Université d'Aix-Marseille, School of Economics, Les Milles, France

Health systems in developing countries are confronted with the coexistence of under-nutrition, along with chronic diseases such as obesity and diabetes, while greater exposure to globalization shapes diets and health choices. This project examined the effects of international trade in foods on nutrition and health in poor and emerging economies. The project supported collaborations between the Stanford King Center on Global Development and the Aix-Marseille School of Economics (AMSE) in Marseille. It brought together economists and health scholars to advance knowledge about the relationship between globalization and health.

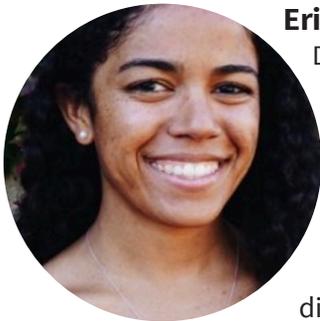
FELLOWSHIPS & INTERNSHIPS

UNDERGRADUATE FELLOWSHIP

The Undergraduate Fellowship Program funds Stanford undergraduate research and internships at French institutions. During academic year 2017-2018, the center awarded five fellowships.

For more information on the Undergraduate Fellowship Program, please visit our [website](#).

2 Awarded Fellowships • Independent Research Project • ITER Internship



Erica Scott

Department of International Relations, Stanford University (2020)
Independent Research Project

Melting pot versus salad bowl: colorblindness and color-consciousness in France the U.S.

“For my research, I used the debate around demographic statistics to explore how conceptions of French national identity exist in tension with increased racial, ethnic, and religious diversity. When discussing cultural or ethnic communities within a larger nation, two metaphors often emerge: the “salad bowl” and the “melting pot”. The former suggests that distinct communities can coexist without necessarily sacrificing their individual characteristics; the latter implies a process of assimilation that blends communities into a greater national whole. While the “American melting pot” trope certainly exists, the “salad bowl” idea of multiculturalism is common in the U.S. This contrast is particularly stark in the two countries’ policies regarding the collection of demographic statistics.”



Rayan Sud

Department of Physics, Stanford University (2021)
Visiting Institution: ITER, Saint Paul Lez Durance, France

Magnetic probe diagnostic simulation

“During the summer, I interned with the ITER Organization in Cadarache, France, an international nuclear fusion mega-project. I worked in the Stability and Controls section of the Science Division, developing synthetic magnetic diagnostics to simulate measurements of plasma scenarios. I have always been interested in physics and working at ITER seemed like the perfect combination of my love for physics and my desire to combat climate change. The grant has allowed me to seriously consider fusion as a career path, on the fence between academia and industry. It has encouraged me to investigate the field further and allowed me to make a more informed career choice.”

UNDERGRADUATE INTERNSHIP PROGRAM

The France-Stanford Center for Interdisciplinary Studies sponsors undergraduate internships with leading French-based institutions during the summer through the [Global Studies Internship Program](#).

For more information, please visit our [website](#).

3 Awarded Internships • Sorbonne University • INSERM • Gagosian Gallery

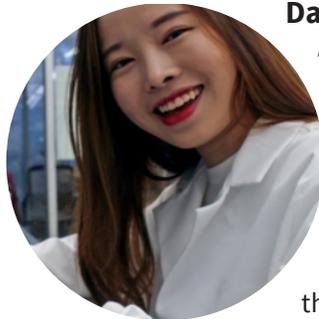


Manisha Patel

Department of Physics, Stanford University (2019)
Visiting Institution – Sorbonne University, Paris, France

Study of copy number variation in ancient genomes of homo sapiens, neanderthals and denisovans

“During my internship, I worked in the computational and quantitative biology lab at the Sorbonne University in Paris. Recently, the lab started analyzing ancient genomes of Homo sapiens, Neanderthals and Denisovans with the aim to unravel genomic characteristics in these populations due to ecological and climatic constraints. I took part in this exciting computational project by contributing to the analysis of the copy number variation in human (and animal) ancient genomes.”



Dahee Chung

Department of Biomedical Computation, Stanford University (2020)
Visiting Institution – INSERM, Chromosome & Materials Laboratory, Paris, France

Deciphering molecular players underlying chromatin mobility

“Last summer, I had the great opportunity to intern at INSERM (French National Institute of Health and Medical Research) in the Chromosome Biology & Dynamics Group. During my internship, I learned and utilized a battery of molecular genetics tools together with high-throughput in vivo microscopy and image analyses. The project I was assigned was to figure out the dynamics of the chromatin in terms of DNA repair. This internship experience surely shaped my future attitude as a scientist. This internship experience became the cornerstone for my further research career. Thank you so much for giving me this opportunity. I really appreciate your generosity.”

FELLOWSHIPS & INTERNSHIPS (CONTINUED)



Gracie Newman

Department of English, Stanford University (2021)

Visiting Institution – Gagosian Gallery, Paris, France

Gagosian Gallery internship

“I conducted internal research on artists, catalogued art auctions, researched and formatted press releases, and managed office transport and correspondence. I was able to learn about the intricacies of the contemporary art market in one of the most artistically vibrant cities in the world. My interest in contemporary art has been reinvigorated. Spending so much time with art has made me want to try out art myself—not just as a scholar but as a creator. I also feel that I have a better understanding of the economics that fuel the art world. I now have a more profound understanding of the various forms professional engagement with the arts can take; consequently, I feel more prepared to make career decisions in the coming years.”

VISITING STUDENT RESEARCHER FELLOWSHIP

The Visiting Student Researcher Fellowship is available to graduate students affiliated with a French Institution who are interested in pursuing a course of research at Stanford, and to Stanford graduate students interested in undertaking research or pursuing an internship at a French institution.

For more information, please visit our [website](#).

7 Awarded Visiting Student Researcher Fellowships

2 Earth Sciences 1 Engineering 4 Social Sciences



Sophie Cetre

Sciences Po Paris, Paris

Visiting Department – Department of Economics, Stanford University

How work is allocated among members of parliament in France

“I visited the economics department of Stanford under the supervision of Matthew Gentzkow in spring 2019. I pursued several research projects related to my thesis in experimental and personnel economics. I also took this opportunity to improve my data science skills. My supervisor was extremely helpful and approachable. I learned a lot from him and also from his reading group. I have had many enriching conversations and I have met wonderful Ph.D. students. This experience was really important for me because it made me realize that I wanted to pursue a professional career in data science or as a research scientist rather than staying in the academic sector. I met my future employer there.”

Visiting Student Researcher Fellowship (Continued)



Bertrand Delorme

Department of Earth System Science, Stanford University

Visiting Institution: Laboratoire d'Etudes en Géophysique & Océanographie Spatiales, Toulouse

The deep equatorial circulation in the ocean

“During my fellowship, I visited two French labs to include a new theory in numerical ocean models developed by the French teams. The visit ended up in a new version of the ocean model that is now available to everyone in the world and which is being currently used to assess the implications of this theory in the real ocean. I have learned a lot from this experience both in terms of science and personal relationships. This experience has allowed me to build some very strong connections with French researchers, and it will potentially allow me to go work in France at some point. Results of this collaboration will be published in the next year probably in the Journal of Physical Oceanography. Thank you so much for this valuable experience!”



Helma Korzybska

Université Paris Nanterre, Nanterre

Visiting Department — Department of Neurosurgery, Stanford University

The perceptual experience in brain-machine interface technology

“My research focuses on sensory substitution technologies, and particularly the experiences of patients. I have been studying the reeducation tied to retina implants since 2016, observing implantations at the Quinze-Vingts Hospital in Paris. Thanks to the France-Stanford Center grant, I was able to learn more about the development of such technologies in the Stanford Neurosurgery Department. During my stay, I conducted participant observation, as well as interviews with the members. Cordelia Erickson-Davis and I combined our observations on the learning process. Thanks to this visit, I developed new research relations with the neuroscience laboratories, and my collaboration with Cordelia is certainly strengthened, which will make it easier for us to continue collaborating despite our geographical distance.”



Cordelia Erickson-Davis

Department of Anthropology/School of Medicine, Stanford University

Visiting Institution: Pixium Vision, Paris

The perceptual experience in brain-machine interface technology

“With the aid of the France-Stanford Center for Interdisciplinary Studies funds, and in collaboration with French anthropology student and fellow FSCIS fellow recipient Helma Korzybska, I traveled to Paris to work with individuals at Pixium Vision as they prepared to implant individuals with the Prima retinal implant, a device developed by researchers I had worked with at Stanford University. The plan was to use a combination of semi-structured interviews, phenomenological interviewing, psychophysics, and observation of the individuals being implanted to probe the subjects’ perceptual experience. These months ended up being an inimitable opportunity to observe and experience what it is like to work within an early stage biotech startup. I learned important details about the innerworkings of the company, and what it is like to move a device from bench to bedside within the regulatory and clinical realms of the EU. I look forward to writing up these findings in the form of my dissertation, and several individual publications, including one with Helma Korzybska, written for a wide audience.”

Visiting Student Researcher Fellowship (Continued)



Malcom Hodgskis

Department of Geological Sciences, Stanford University

Visiting Organization - Université de Bretagne Occidentale, Plouzané

The oxygen overshoot: a better understanding of the evolution of oxygen (MOPGA)

“I spent four months at the Institut Universitaire Européen de la Mer (IUEM) in Brest, France, working with Dr. Stefan Lalonde to understand how oxygen levels on Earth’s surface were changing across the end of Earth’s ‘Great Oxygenation Event’. My time in Brest was highly enjoyable. It was great to live in a foreign culture, and being able to stay four months made it a really wonderful and immersive experience. My time in France and collaborating with European researchers made me more receptive to pursuing a future career in Europe. My work will be published in a peer-reviewed scientific journal, such as *Geochimica et Cosmochimica Acta* in Spring 2020. Thank you once again for providing me with such a fantastic experience. This will undoubtedly be one of the highlights of my Ph.D. at Stanford.”



Chuan-Zheng Lee

Department of Electrical Engineering, Stanford University

Visiting Organization - INRIA Lille, Nord Europe Research Center, Villeneuve d’Ascq

When and why certain forms of reinforcement learning perform better than others

“I visited the Sequel team at Inria in Lille, in northern France. I worked on lower bounds for the performance of reinforcement learning algorithms and how they can be used to design provably optimal algorithms, building on existing work done by the team on bandit problems. I wanted to spend some time with a team abroad to gain a different perspective on topics I’ve been working on at Stanford, as well as to take some time to refocus my research. The most useful things I’ve learned are which ideas researchers here consider to be important in research on sequential learning. But the most eye-opening things have been views on which trends are promising and which to be more hesitant about; placing these alongside the perspective I’ve gained so far at Stanford has deepened my understanding of the field. I also had the opportunity to attend a two-week summer school organized by my team here, which had budding researchers and machine learning practitioners from around the world come to attend. As far as I’m aware, there’s not an existing collaboration between this team and any groups at Stanford, so this grant has helped start work that I hope to turn into joint work between these groups. Other visitors to the Sequel team hail from all over Europe, so I’ve met and learned from researchers from several universities and am now more aware of the academic environment and professional opportunities in Europe.”

Visiting Student Researcher Fellowship (Continued)



Max Viskanic

Sciences Po Paris & LIEPP, Paris

Visiting Department - Immigration Policy Lab, Stanford University

The impact of immigration & the refugee crisis on voting behavior, public spending, and economic well-being in Europe

“I am very grateful for the grant. It has allowed me to visit Stanford University’s Immigration Policy Laboratory (IPL) for two months. I greatly benefitted from attending seminars as well as discussing my research with other graduate fellows and postdoctoral researchers. I worked on my job market paper that looks at the political ramifications of the refugee crisis, trying to measure the impact on anti-immigrant hostility and what underlying mediating variables cause this hostility. The grant will present a milestone in my academic and professional career.”

VISITING JUNIOR SCHOLAR FELLOWSHIP

The Visiting Junior Scholar Fellowship is available to junior scholars from Stanford and from France seeking a research visit either in a French Institution or at Stanford.

For more information, please visit our [website](#).

7 Awarded Visiting Junior Scholar Fellowships

4 Medicine 3 Social Sciences



Marianna Fenzi

INRA, Castanet-Tolosan

Visiting Department - Department of History, Stanford University

Understanding the spread of a dominant model in international agricultural research at the beginning of the Green Revolution

“Thanks to the France-Stanford Center’s grant, I worked on a new project, studying the agronomic knowledge in the International Agricultural Research Centers (IARCs) during the Green Revolution. I focused my research on the role of U.S.-based philanthropic foundations, particularly the Rockefeller Foundation. I analyzed the establishment of different methods for the development and dissemination of new crops. It has been a perfect opportunity to explore archival resources and to become more familiar with current scientific debates about new methodologies in plant breeding. Thanks to this grant, I was able to prepare a new project that has been successfully accepted for a Swiss grant. I will start a postdoc at the EPFL in Lausanne in December. This new project would not have been possible without these experiences.”

Visiting Junior Scholar Fellowship (Continued)



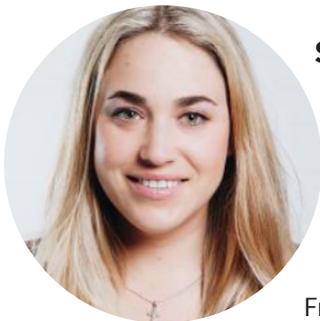
Martin Lamotte

CNRS-CITERES, Tours

Visiting Department - Department of Anthropology, Stanford University

Narrative writing and knowledge production within the Gang Los Ñetas

“My project aimed to explore the history of Carlos La Sombra, founder of the Ñeta Association, and the way it has been written and portrayed as a figure of Gangster Saint by Los Ñetas. How did Ñetas conduct their historical investigation on Carlos’ life? What constituted for them a historical fact? A truth? Finally, how is Carlos’ history connected to the broader context of anti-colonialist and independence struggle, and how is he perceived by non-Ñetas in Puerto Rico? This story is, in part, about the relation between fact, reality and power in the context of the Independence movement and colonialism. The France-Stanford Visiting Junior Scholar Fellowship has allowed me to prepare my past fieldwork research for publication of a book. This visit was definitely a step up in my career, both in terms of network and in terms of my ability to conceptualize my own project.”



Solange Massa

Department of Otolaryngology, Stanford University

Visiting Organization - Université de Pau & Pays Adour, Pau

Development of mucoadhesive systems for drug delivery in oral mucositis

“During my fellowship, I developed smart biocompatible mucoadhesive oligo (ethylene glycol)-based micro-gels to prevent oral mucositis (mouth ulcers) with the University of Pau (UPPA, France). The University of Pau has an incredibly talented group of professionals that are also great human beings and outstanding collaborators. This grant has generated an invaluable relationship with the professor (Laurent Billon) in the University of Pau (France). I hope we can keep working together for a long time. We are hoping to publish the results between December 2019 and March 2020.”



Olfat Malak

INSERM, Université de Nantes, Nantes

Visiting Department - Cardiovascular Institute, Stanford University

New therapeutic approach for long qt syndrome using mimicking peptides and genome editing on patient-specific iPSC-CMs

“Cardiac diseases take the lives of 17.7 million people every year. Several congenital cardiac disorders, also called channelopathies, are linked to an alteration of potassium, calcium, or sodium channel activity. The main goal of our project was to find a specific therapeutic approach for the LQTS that results from a loss of function of the cardiac potassium channel, hERG. To find such a therapy, it is necessary to understand the molecular mechanisms governing ion channels’ activity. We initiated a collaboration with Stanford University’s Cardiovascular Institute and Dr. Wu’s lab. I tested the hypothesis that “similarly to genome editing, the hERG activator peptides will specifically correct the abnormal electrical activity of patient-specific induced pluripotent stem cells derived cardiomyocytes (iPSC-CMs), presented with LQTS.” This joint project established a successful long-term collaboration between both institutions.”

Visiting Junior Scholar Fellowship (Continued)



Jean-Michel Roué

University Hospital of Brest, Brest

Visiting Department - Neurobiology Laboratory, Stanford University

Assessing a neonatal pain monitor & alternative analgesia/sedation strategies for newborns

“Pain assessment in hospitalized newborn infants represent an important clinical challenge because of their inability to verbally express their feelings and because of the potentially long-term behavioral and cognitive sequelae associated with repeated exposure to pain or stress. In line with my Ph.D., we planned a collaborative project aiming to develop a multimodal pain assessment system for the newborn infants. During my stay at Stanford, I first implemented this innovative approach and then recruited patients at the Lucile Packard Children’s Hospital, including preterm and term newborns. I applied for this fellowship in order to work with Professor Anand, from the Department of Pediatrics, who is an internationally renowned specialist in the field of pain and stress management for newborn infants. This fellowship enabled me to develop an international network opening up new perspectives for my research projects. The grant contributed to the development of my academic career by helping me get the position of associate professor of pediatrics in my university in France. This work will lead to several publications and other collaborative studies in order to validate this approach.”



Marilou Tétard

INSERM, Paris

Visiting Department - Department of Pediatrics, Stanford University

Identifying new molecular players involved in malaria pathogenesis

“I came to Stanford to join the laboratory of Doctor Egan working on the interactions between the parasite of malaria, Plasmodium and its host cell, the human red blood cell. Dr. Egan’s lab possesses an expertise in genome editing using CRISPR-Cas9 in hematopoietic stem cells and differentiates them into mature red blood cells. This allows the modification of human genes in red blood cells to study host factors for malaria. I learned a lot from this experience. I learned from my work in the lab, but also from all the opportunities to be part of the scientific community here—the conferences, the seminars, the workshops. The grant helped me in my goal of coming to Stanford and helped me start a postdoctoral project here. It is an incredible opportunity to be part of such a vibrant environment.”



Sébastien Goudeau

University of Poitiers, Poitiers

Visiting Department - Department of Psychology, Stanford University

Cultural differences in child rearing among U.S. and French preschoolers

“Thanks to the France-Stanford Center for Interdisciplinary Studies fellowship, I had the opportunity to visit Professor Hazel Rose Markus at the Department of Psychology of Stanford University in Winter 2019. The goal of this visit was to work with Professor Markus on two ongoing projects. The first project is a cross-cultural study that aims to examine how preschool contexts amplify social inequality among young children both in France and in the United States. The second goal of the visit was to work on a theoretical paper that aims to integrate in a unique model several social psychological phenomena known to play a role in the social-class achievement gap.”

EXECUTIVE COMMITTEE

The Center's annual executive committee meeting took place on Monday, June 17th at the Ministry of Europe and Foreign Affairs in Paris, France.

Executive Committee Membership

Stanford Members

Arto Anttila, Associate Professor of Linguistics, Department of Linguistics, Stanford University

Mark Cappelli, Professor of Mechanical Engineering, Department of Mechanical Engineering, Stanford University

Jeffrey A. Feinstein, Dunlevie Family Professor of Pulmonary Vascular Disease and Professor by courtesy of Bioengineering at the Lucile Salter Packard Children's Hospital, Stanford University

Richard Thompson Ford, George E. Osborne Professor of Law, Stanford Law School, Stanford University

Marisa Galvez, Associate Professor of French, Department of French and Italian, Stanford University

David Laitin, James T. Watkins IV and Elise V. Watkins Professor of Political Science and Co-Director of Immigration Policy Lab, Stanford University

French Members

Bernard Dujon, Emeritus Professor, Pierre and Marie Curie University and Institut Pasteur, Member of the French Academy of Sciences

Yves Frénot, Counselor for Science and Technology, Office for Science and Technology at the Embassy of France in the United States, Washington, DC

Christophe Laux, Professor, CentraleSupélec, Gif-sur-Yvette

Bénédicte de Montlaur, Cultural Counselor of the French Embassy in the United States, New York

Reynald Pain, Director, Institut National de Physique Nucléaire et de Physique des Particules, Paris

Paul-André Rosental, Professor, Centre d'Etudes Européennes et de Politique Comparée, Sciences Po Paris

Leadership

Jessica Riskin, Jean-Paul Gimon Director of the France-Stanford Center for Interdisciplinary Studies, Professor of History

Christophe Laux, Associate Director

Isabelle Collignon, Program Manager

