DIRECTOR’S NOTE

The France-Stanford Center for Interdisciplinary Studies aims to bridge the disciplines of the humanities, social sciences, sciences, engineering, business and law, addressing historical and contemporary issues of significance for France and the United States from a broad range of perspectives. Its programs bring faculty members, researchers and students from across Stanford’s departments and schools into contact with colleagues in France, to explore issues of common intellectual concern, to advance collaborative research, and to foster interdisciplinary inquiry.

During academic year 2015–2016, the center funded a wide variety of collaborations between scholars and students at French institutions and at Stanford. Our fellowship programs, now in their fifth year, aimed at undergraduates, graduate students, postdoctoral scholars, and junior faculty from both France and Stanford, have continued to prove successful, receiving a record number of applications. Also, we are proud to celebrate the many achievements of our past recipients. These include, among others, the fact that Dr. Uwe Bergmann (grant recipient from SLAC) was (continued on next page)
The French Culture Workshop brings together participants from different disciplines to examine questions relevant to French Culture and society from the modern period (1650 to present). Topics of discussion include political and intellectual history, imperialism and colonialism, nationalism and national identity, immigration and minorities, gender, and francophonie.

This year the France-Stanford Center was able to support the participation of two speakers from France.

The first was Eric Fassin, a very distinguished sociologist who delivered a brilliant lecture entitled “Racism and Xenophobia in Neoliberal France and Europe.” We had an excellent turnout for this event.

The other speaker was Pierre-Yves Beaurepaire, a history professor at the University of Nice, and one of the leading scholars in digital humanities in France. We brought him out to participate in a conference on “Networks of European Enlightenment,” held at the Humanities Center in April. There were around 40 people in attendance for his talk, which allowed us to have many more informal discussions about future partnerships.

The workshop is also sponsored by the Stanford Humanities Center, the Division of Literatures, Cultures, and Languages Research Unit, and The Europe Center.

For more information, please visit the French Culture Workshop webpage.
VIEWS OF NUCLEAR TECHNOLOGY IN THE AFTERMATH OF HIROSHIMA (1945-1957): A COMPARATIVE STUDY OF JAPAN, THE UNITED STATES, AND FRANCE

Spring 2017 – Stanford University

This conference will initiate a collaborative project that comparatively examines the immediate responses in Japan, the United States, and France to the 1945 bombings of Hiroshima and Nagasaki. Bringing together current scholarship and newly available historical materials in multiple languages and national academic communities, the conference will seek to better understand how the bombings were experienced and addressed in the three countries, how such experiences and responses shaped the later development of nuclear technology, and what role these episodes played in the making of the postwar world.

ANNUAL CONFERENCE
The New Politics of Church/State Relations
Fall 2015 – Stanford University

The conference brought together scholars from across Stanford, including the Law School and the Departments of History, Political Science and Anthropology, and from Europe, Canada and the Middle East. The main objective of the conference was to examine the changing nature of church/state relations in France, the United States and other Western democracies as well as other countries from around the Mediterranean and Russia. The conference participants — historians, lawyers, political scientists and philosophers — were asked to critically discuss the notions of secularism and freedom of religion and to highlight the tensions which may arise between the two principles. The topics discussed included: banning prayers in public schools, prohibiting crèches and crosses in the public space, banning Islamic veils in public schools, and state support for faith-based activities.
ON CRUELTY: GLOBAL REFLECTIONS FROM THE AGE OF REVOLUTIONS TO THE WAR ON CITIZENSHIP

Fall 2015 – Stanford University

A one-day event hosted by the Stanford Humanities Center, the workshop explored the genealogies, promises, and limits of civic virtue as a universal ideal. European in its fundamental contours, marked by a constitutive fascination with the rule of law, borders, and security, at once coercive and oblique in whom it excludes and includes, how it punishes and immunizes — the city was promised as the humanist center of ethical and sovereign life, one upon which anticolonial struggles against European empires were also first conceived and mounted. This workshop examined the ambiguous foundations and resolutions of that vision in Europe, Asia, and the fatal waters in between; a vision that has come to be marked today by extreme violence and tragic displacements, and which now presses new questions against the very limit of the modern political imagination.

HERITAGE BUREAUCRACIES: THEORETICAL AND PRACTICAL PERSPECTIVES WORKSHOP

Winter 2016 – Stanford University

The aim of this workshop was to further scholarly discussion on the institutional dynamics, funding schemes and power structures underlying intergovernmental institutions of cultural governance, with a particular focus on UNESCO and the European Union. Speakers came from Australia, France, Germany, New Zealand, Sweden and Switzerland and included experts working at the intersection between archaeology, anthropology, sociology, law and international relations. Speakers and participants particularly appreciated the workshop’s format, which allowed for in-depth and discussions and extended interaction between invited speakers, Stanford faculty and students.

EMERGING SCHOLARSHIPS IN CLASSICS

Winter/Spring 2016 – Stanford and Paris, France

The workshop brought together senior and younger classicists from Paris and Stanford. In addition to the formal sessions, there were breaks, lunches, and a workshop dinner that allowed substantial time for the exchange of ideas among the French and Stanford participants. Overall, there was a general agreement, on the part of the senior and junior members of the workshop alike, that the workshop was a success. In each case, the discussions were sustained and lively, and progress was made toward the core goal of engaging French and Stanford classicists in the discussion of one another’s work, thus laying the foundation for long-term collaboration.

The France-Stanford Center for Interdisciplinary Studies (FSCIS) invites proposals for scholarly conferences or workshops to be held at Stanford or at any French research institution. They should address significant issues of common interest to scholars from France and Stanford, and particularly, but not exclusively, those subject to differences of disciplinary or interdisciplinary approach in or between the two countries.

For more information on conferences/visits, please visit our website.
In the spring of 2015, the France-Stanford Center executive committee selected the grant recipients for academic year 2015-2016. Among sixteen proposals received, six were selected.

The France-Stanford Center sponsors high quality collaborative research projects likely to foster new linkages and deepen existing connections between French scholars and students and their counterparts at Stanford University. Priority will be given to projects with the potential to develop new collaborations involving junior researchers, and to those leading to collaborative work on interdisciplinary issues. The center seeks to fund collaborative research across the full range of academic disciplines and does not define “collaborative research” as necessarily requiring co-authorship (a practice that is less common in the humanities than in other fields).

For more information on collaborative research projects, please visit our [website](#).

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**Learning Sound and Meaning Jointly in Early Language Acquisition**

Michael Frank, Department of Psychology, Stanford University  
Emmanuel Dupoux, Cognitive Science (LSCP), Paris, France

**Inertial Sensors-Based Analysis of Gait on Children with Spastic Cerebral Palsy**

Jessica Rose, Department of Orthopaedic Surgery, Stanford University  
Christine Azevedo-Coste, DEMAR/LIRMM, Montpellier, France

**Accelerating Antimatter in Plasmas – New Approaches to Overcome a Long-Standing Challenge**

Mark Hogan, SLAC National Accelerator Laboratory  
Sébastien Corde, École Polytechnique, Palaiseau, France

“Thanks to the support from the France-Stanford Center, we’ve collaborated on the first experiment that aims at accelerating a distinct bunch of positrons, the antimatter siblings of the electrons, in an ionized gas, or plasma. The results are very promising for the field of plasma acceleration and open for further collaboration in the future between the teams at SLAC and at École polytechnique.”

– Mark J. Hogan

**X-Ray Imaging of Cultural Heritage – Bringing to Light our History**

Uwe Bergmann, Photon Ultrafast Laser Science & Engineering Institute (PULSE), Stanford  
Loïc Bertrand, IPANEMA, CNRS, Gif-sur-Yvette, France

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Research Minister Thierry Mandon (center), Loïc Bertrand (IPANEMA, European Institute for non-destructive photon-based analysis of ancient materials) and Paul Morin (Synchrotron SOLEIL) in videoconference with Uwe Bergmann (SLAC Stanford) during the visit at IPANEMA in March 2016.
The Role of Social Assistance Programs in the Socioeconomic Incorporation of Immigrants. A Comparative Study of Latino Immigrants in France, Spain and the United States

Tomás Jimenez, Department of Sociology, Stanford University
Marie-Laure Mallet, CERI, Sciences Po, Paris, France

“We would like to express our gratitude to the France-Stanford fund, through which we were able to collaborate on this project, and conduct fieldwork in the Bay Area. We interviewed Latino immigrants about their experience with social services, to assess its role on their assimilation. We also participated in several outreach activities, such as a Water Drop at the US-Mexican border with the Association Border Angels.

The France-Stanford fund made this collaboration possible and we expect to be able to publish our first results in 2017.”

– Tomás Jimenez and Marie-Laure Mallet

The Mouse Lemur as A New Model for Human Obesity

Caitlin Karanewsky, Department of Biochemistry, Stanford University
Fabienne Aujard, CNRS, Brunoy, France

“My time working in France funded by the France-Stanford grant was very valuable to my research. I was able to work closely with my colleagues in France, not only collecting data together but also sharing knowledge and skills. As a result I have built a lasting collaborative relationship with my colleagues in France. Being able to spend an extended period of time with my colleagues in Brunoy was essential to the development of an exciting and fruitful research collaboration.”

– Caitlin Karanewsky

One of the interview sites for Latino immigrants.

Water drop on the trail used by migrants to cross the border.
Lauren Benner  
International Relations,  
Stanford University  
Visiting Institution: Independent Research Project

“During the summer of 2016, I visited the Calais refugee camp “La Jungle.” The goal of my research and presentation for the France-Stanford Center was to expose the conditions of the refugees and immigrants of Calais. I exposed the dismal reality of their living conditions and social status in one of the world’s wealthiest nations through a piercing journal of refugees. The exposé is composed of two elements: a compilation of refugee portraits across Paris and the Calais “Jungle,” and an extended report that provides more context to the issue of poverty, intolerance, and social hardships of foreigners in France. Many humanitarian organizations have labeled the conditions in Calais as “diabolical”, but what I witnessed was much more noxious.”

Michael Gioia  
Department of History,  
Stanford University  
Visiting Institution: Independent Research Project

“During this past summer, I surveyed Fauchet’s writings, sermons, and correspondences held at the French Archives Nationales and Bibliothèque nationale de France. I also examined records related to his work in the National Convention. Through this research, I gained an understanding of how Fauchet blended Jansenist theology and Enlightenment thought, especially that of Rousseau, leading to a perspective unique among contemporary republicans.”

Nathaniel Simon  
Department of Mechanical Engineering,  
Stanford University  
Visiting Institution: École Centrale, Paris, France

“This past summer, I worked on the Plasma Team within EM2C (the Energetics and Combustion Laboratory) at École Centrale in Paris under Professor Christophe Laux. As my experience with plasma prior to the internship was limited, I began by analyzing journal articles to learn the technical jargon and experimental setups. I studied primarily ozone production by nanosecond repetitive pulsed discharges, and soon moved on to experimental research. I worked with my mentor, Erwan Pannier, to photograph plasma with high-speed cameras, test the domain of existence of plasma in different regimes, and attempt to create larger forms of plasma. I was constantly helped by the many other researchers who patiently answered all of my questions. Along with exploring Paris, I was given the opportunity to visit various areas in France, including Rennes, Saint-Malo, le Mont Saint-Michel, and Noirmoutier-en-l’Île. Thank you to the France-Stanford Center for giving me the opportunity to discover France, improve my French, and grow through my first real research experience!”
VISITING STUDENT RESEARCHER FELLOWSHIP

The France-Stanford Center 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. During academic year 2015-2016, the center awarded six fellowships.

For more information on the Visiting Student Researcher Fellowship Program, please visit our website.

Erwan Pannier
École Centrale Paris
Visiting Department: Department of Mechanical Engineering, Stanford University

“During my stay at Stanford, I worked with Professor Mark Cappelli’s laboratory. Success in the fight against global warming cannot be achieved without the massive development of alternative carbon-free energies. Clean electricity can already be produced from fuel cells or wind energy, but in the transport industry liquid fuels have no real substitute yet. My project is to address this issue by producing liquid fuels with cold plasmas. The Stanford Plasma Physics Lab and the Non-Equilibrium Plasma Group at École Centrale Paris are involved in this project. Plasmas are also applied to other fields. The project collaborates with the Stanford School of Medicine to use the reactive properties of the cold plasmas developed at École Centrale Paris in ambient air, for the biodecontamination of living organisms.”

Jennifer Wischhusen
INSERM, Lyon
Visiting Department: Translational Molecular Imaging Laboratory, Molecular Imaging Program, Radiology, Stanford University

“The France-Stanford Center fellowship gave me the opportunity to join the Translational Molecular Imaging Laboratory of Professor Dr. Juergen Willmann at Stanford University. I joined a research project on a new drug delivery approach for liver cancer using ultrasound in combination with microbubbles and drug-loaded nanoparticles. As liver cancer is characterized by the suppression of anti-tumor immune responses, I investigated the mechanisms of ultrasound-mediated immune system activation in order to re-establish the immune response and further increase the efficacy of our drug delivery approach. Being part of this team project was a great experience and I would like to thank the France-Stanford Center for its support.”

Mathilde Emériau
Department of Political Science, Stanford University
Visiting Institution: Sciences Po Paris, Paris, France

“During my fellowship in France, I supervised a team of six research assistants to collect data in the archives of the French Asylum Office. The team already collected in depth information concerning 2,500 asylum seekers, and the data collection is expected to be completed by September 2017. I was invited by Professor Yann Algan at Sciences Po to be a part of the Laboratory for Interdisciplinary Evaluation of Public Policies at Sciences Po.”
**FRANCE-STANFORD CENTER FELLOWSHIPS (CONTINUED)**

**VISITING STUDENT RESEARCHER FELLOWSHIP (CONTINUED)**

**Martin Fortier**  
École des Hautes Etudes en Sciences Sociales/École Normale Supérieure, Paris, France  
*Visiting Department: Department of Anthropology, Stanford University*

“While at Stanford I interacted mainly with my local supervisor, Professor Tanya Luhrmann. Discussions with her as well as with other members of her research group on comparative phenomenology proved particularly fruitful. I was able to present my current research on the sense of reality in psychotropic experiences and to receive very helpful feedback. I also took advantage of being on campus to explore other departments. I engaged extensively with several students and professors from the psychology department and these exchanges resulted in the implementation of two experiments in the Peruvian Amazon last summer. During my stay at Stanford, I put together an interdisciplinary discussion group called the B4C (Biology, Computer Science, Cognition, Consciousness and Culture) Discussion Group, through which I had the opportunity of meeting students working in different fields than my own. These discussions proved particularly stimulating and enriching. I am very grateful to the France-Stanford Center for Interdisciplinary Studies for having made all this possible.”

**Héloïse Berkowitz**  
École Polytechnique, Palaiseau  
*Visiting Department: Center for Ocean Solutions, Stanford University*

“My visit to Stanford’s Center for Ocean Solutions was one of, if not the most, eye-opening and enriching experiences I had in my eight years of graduate education (with three master’s degrees, a Ph.D., visiting six different institutions and three continents). Not only did I learn about ocean management and marine biology, but I also had first-hand experience at a great boundary organization. Beyond technical or practical knowledge acquisition, I met amazingly kind and passionate people with extremely diverse profiles, a strong collective spirit and willingness to work across disciplines and differences, in order to better understand the world and build solution-driven research about marine ecosystems. The research projects we started here on the role of meta-organizations in ocean governance and big data in oceanography are hopefully just the beginning of long-term fruitful collaborations and friendships. I am extremely grateful to the France-Stanford Center for making it possible and to the Center for Ocean Solutions for having me!”

**Gabin Personeni**  
LORIO/INRIA, Nancy, France  
*Visiting Institution: Stanford Center for Biomedical Informatics Research*

“I was granted a Visiting Student Researcher Fellowship to work at the Stanford Center for Biomedical Informatics Research (BMIR) on Michel Dumontier’s team. During my stay, I worked with anonymous patient health records to study adverse drug events. I based my work on a set of 5,000 records, enriched with domain knowledge on drugs and diseases. I used symbolic machine learning to extract associations between adverse events of different drugs. Such associations may denote a common biological cause of these adverse events. After my visit at Stanford, I have been working on assessing the biological significance of these extracted associations, and how they can be used to discover susceptibility factors in groups of patients.”
VISITING JUNIOR SCHOLAR FELLOWSHIP

The France-Stanford Center 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. In 2015-2016, the center funded three Visiting Junior Scholars.

For more information on the Visiting Junior Scholar Fellowship Program, please visit our website.

Noé Ortega-Quijano  
Institut de Physique de Rennes, Rennes, France  
Visiting Department: Department of Mechanical Engineering, Stanford University

“The France-Stanford Center fellowship has enabled me to gain a valuable experience in polarization-sensitive optical coherence tomography, a powerful technique capable of performing real-time imaging of living human tissues in an analogous way to ultrasound imaging, but with additional contrast mechanisms and the capacity to resolve tissue components 100 times smaller. During my research stay at Stanford, I designed and tested a handheld probe for in-vivo human skin cancer detection in realistic clinical environments. Additionally, I demonstrated a novel method for improving contrast in depolarization imaging. Part of these exciting results have been published in Optics Letters, one of the leading peer-reviewed journals in optics, and presented at the Optical Society of America Biomedical Optics conference. This has been possible thanks to Professor Audrey K. Ellerbee Bowden and the students of the Stanford Biomedical Optics group, whose smartness and collegiality have been a continuous source of motivation for me. Besides that, I had the opportunity to enrich this exciting stay through many social exchanges and cultural activities held at Stanford University, whose events agenda is an endless source of stimulating discoveries. These activities completed an unforgettable stay and a lifelong valuable experience.”

Keren Gitaï-Mock  
Université Paris Diderot/Université Paris Sorbonne, Paris, France  
Visiting Department: Division of Literatures, Cultures and Languages, Stanford University

“I would like to express my gratitude to the France-Stanford Center for granting me a Visiting Junior Scholar fellowship. My stay at Stanford included several collaborative projects involving publications, presentations and research. The first project concerned an exclusive interview I held with psychoanalyst Julia Kristeva for the third issue of Stanford’s peer-review Dibur entitled Archives: Literary Perspectives on the Intersections between History and Fiction in coordination with Dr. Marie-Pierre Ulloa and Dr. Vered Shemtov. The second project involved several presentations of my research, which resulted in very stimulating exchanges with faculty members and graduate students. Accessing Stanford’s library and its outstanding special collections allowed me to pursue my research on Baruch Spinoza’s sources of his Hebrew Grammar. I have already presented several of my new findings at an international conference held at the Centre culturel international de Cerisy which will result in a new publication.”
The center’s annual executive committee meeting took place on Friday, June 17, in Paris, France, at the French Ministry of Foreign Affairs.

EXECUTIVE COMMITTEE MEMBERSHIP (THROUGH AUGUST 2016)

**Directorship**

**Amalia Kessler**, Jean-Paul Gimon
Director of the France-Stanford Center for Interdisciplinary Studies, Lewis Talbot and Nadine Hearn Shelton Professor of International Legal Studies and Professor (by courtesy) of History

**Gérard Bonneaud**, Associate Director of the France-Stanford Center for Interdisciplinary Studies, Directeur de Recherche Emerite CNRS, Université Pierre et Marie Curie, Paris

**French Members**

**Bénédicte de Montlaur**, Cultural Counselor, French Embassy, New York

**Bernadette Bensaude-Vincent**, Professeur des Universités, Université Paris, I Panthéon-Sorbonne

**Gérard Bonneaud**, Directeur de Recherche Emerite CNRS, Université Pierre et Marie Curie, Paris, Stanford University (SLAC)

**Alain Isaël**, Directeur de Recherche Emerite CNRS, Institut Pasteur, Paris — Membre de l’Académie des Sciences, France

**Christophe Laux**, École Centrale, Paris

**Minh-Hà Pham-Delègue**, Scientific Counselor, Science and Technology Mission, French Embassy, Washington, DC

**Stanford Members**

**Cécile Alduy**, Associate Professor of French, Department of French and Italian, Stanford University

**Jeffrey A. Feinstein**, M.D., M.P.H., Associate Professor of Pediatrics, and Bioengineering Director (by courtesy), Pediatric Cardiology Fellowship Program

**Robert Gray**, Lucent Technologies Professor in Communications and Networking, Emeritus Professor, Department of Electrical Engineering, Stanford University

**David Laitin**, James T. Watkins IV and Elise V. Watkins Professor, Department of Political Science, Stanford University

**Jessica Riskin**, Associate Professor, Department of History, Stanford University

**Chiara Sabatti**, Associate Professor of Health Research and Policy as well as Statistics (by courtesy), Departments of Biostatistics and Statistics, Stanford University

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**Eunsoo Lee**
Department of Classics, Stanford University

*Visiting Institution: Université Paris 7 (CNRS/SPHERE), Paris, France*

My Ph.D. dissertation, “Visual Agency in Euclid’s Elements: A Study of the Transmission of Visual Knowledge,” explores the ways diagram makers have reproduced and translated Euclid’s diagrams over two millennia stretching from antiquity to the modern period. My visit to CNRS allowed me to investigate a core question of my project through discussions and workshops with French scholars: what is the nature of visual agency, that is, the ability of diagram makers to draw diagrams according to their discretion? At the CNRS, I collaborated with Dr. Chemla who has worked on mathematical diagrams in ancient traditions. Moreover, my archival research at the BNF allowed me to access manuscripts and early printed editions of *Euclid’s Elements*, which are key resources for my doctoral research.