

Project Title	Chicago PI	Department	Lab or Division	Key Individual in France	Institution in France	Amount of Award	Year
Dark matter detection with Argon: Study of light and charge production mechanisms at low-energy	Luca Grandi	Physics	PSD	Davide Franco	APC Paris, CNRS	\$15,000	2014
Spectral characterization of ecological networks	Stefano Allesina	Ecology & Evolution	BSD	Elisa Thébault	Institute of Ecology Paris, CNRS	\$8,000	2014
Evaluation of fuel displacement potential of advanced vehicles through electrification	Aymeric Rousseau	Energy System Division	ANL	François Badin	IFP Energies Nouvelles	\$20,000	2014
Multi-scale modeling study of polycyclic aromatic hydrocarbon oxidation	Stephen Klippenstein	Chemical Sciences & Engineering	ANL	André Nicolle	IFP Energies Nouvelles	\$8,600	2014
Protein-mediated remodeling of biological membranes	Gergory Voth	Chemistry	PSD	Patricia Bassereau	Institut Curie	\$8,000	2014
Probing efficient cosmic-ray acceleration in young supernovae using the Cherenkov telescope array	Vikram Dwarkadas	Astronomy & Astrophysics	PSD	Matthieu Renaud	CNRS, Université de Montpellier 2	\$8,000	2014
Integrated multiscale model of biological formation	John Reinitz	Statistics, Ecology & Evolution, Molecular Genetics	PSD, BSD	Ovidiu Radulescu	University of Montpellier 2	\$15,000	2014
Inexpensive multi-channel psec-resolution digitizers for particle physics and medical imaging	Henry Frisch	Physics	PSD	Maxim Titov	CEA Saclay	\$8,000	2014

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Predicting the thermodynamics of protein association with a computational microcalorimeter	Benoît Roux	Biochemistry & Molecular Biology	BSD	Christophe Chipot	Université de Lorraine	\$16,000	2014
Geometry and string theory	Savdeep Sethi	Physics	PSD	Ruben Minasian	CEA Saclay	\$16,000	2014
Mechanisms of diastolic dysfunction in sickle cell disease	Victor Mor-Avi, Amit Patel	Medicine	BSD	Nadjia Kachenoura	INSERM	\$7,000	2014
Generating virtual textures to understand tactile perception	Slimane Bensmaïa	Organismal Biology & Anatomy	BSD	Vincent Hayward	Université Pierre et Marie Curie	\$16,000	2014
Dynamic spatiotemporal brain analyses using high-performance electrical neuroimaging	Stephanie Cacioppo	Psychiatry & Behavioral Neuroscience	BSD	Paolo Bartolomeo	INSERM	\$7,500	2015
Architectures and dynamical evolution of observed planetary systems	Daniel Fabrycky	Astronomy & Astrophysics	PSD	Jacques Laskar	CNRS, ASD, Observatoire de Paris, IMCCE	\$8,450	2015
Optogenetic analysis of cell division and tissue morphogenesis	Michael Glotzer	Molecular Genetics & Cell Biology	BSD	Thomas Lecuit	IBDM, CNRS, Université d'Aix-Marseille	\$20,000	2015
Dark matter detection with noble liquids: study of light and charge production mechanisms at low-energy	Luca Grandi	Physics	PSD	Davide Franco	APC Paris, CNRS	\$12,250	2015
Development of a generic computational/experimental approach to discover new metabolic pathways	Christopher Henry	Computation Institute	BSD	Matthieu Jules	Micalis Institute, INRA Jouy-en-Josas	\$15,000	2015

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Micropatterning of actin cytoskeleton competition	David Kovar	Biochemistry & Molecular Biology	BSD	Alphée Michelot	CNRS, Université de Grenoble	\$14,800	2015
DAMIC: A novel dark matter experiment	Paolo Privitera	Astronomy & Astrophysics	PSD	Antoine Letessier-Selvon	IN2P3, CNRS, Universités de Paris VI & VII	\$17,000	2015
Applications of birational anabelian geometry to Grothendieck-Teichmüller theory, algebraic cycles, and galois theory.	Aaron Silberstein	Mathematics	PSD	Pierre Lochak	Université de Paris VI Jussieu	\$12,000	2015
Tracer applications of noble gas radionuclides to hydrological systems in the Paris basin	Reika Yokochi	Geophysical Sciences	PSD	Bernard Marty	Ecole Nationale Supérieure de Géologie, CNRS	\$18,000	2015
Clues on terrestrial core formation from tin nuclear resonant analysis using inelastic X-ray scattering	Esen Alp, Michael Hu	X-Ray Science Division	ANL	Mathieu Roskosz, Caroline Fitoussi	Université de Lille, CNRS, ENS Lyon	\$32,644	2015
R&D on giant double-phase liquid argon time projection chamber detectors for future neutrino experiments	Giulia Brunetti	Neutrino Division	Fermilab	Dario Autiero	Institut de Physique Nucleaire Lyon	\$15,000	2015