

Jean-Philip Piquemal

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Scientific career and education

Present situation	- Director and Distinguished Professor, Laboratoire de Chimie Théorique SU/CNRS - Principal Investigator ERC Synergy: project EMC ²
2023 - present	Distinguished Professor (EXceptional class, PREX-2, CNU 31), SU
2019 - present	Director, Laboratoire de Chimie Théorique (LCT), UMR 7616 SU/CNRS
2019 - present	Team leader, EMC2 research group at LCT (5 researchers), SU/CNRS
2015 - present	Adjunct Research Professor (Biomedical Engineering), UT Austin (USA)
2019 - 2023	Member, PRACE (Partnership for Advanced Computing in Europe) steering committee
2019 - 2023	Distinguished Professor (EXceptional class, PREX-1, CNU 31), SU
2016 - 2021	Member, Institut de France (junior research chair 2016-2021)
2016 - 2019	Full Professor (First class, PR1, CNU 31), SU
2012 - 2019	Team leader, MC2 interdisciplinary project team ("Maths-Chimie"), ISCD, SU
2012 - 2018	Director, Institut Parisien de Chimie Physique et Théorique, FR 2622, SU/CNRS
2012 - 2018	Team leader: research axis 2 at LCT (8 permanent researchers)
2011 - 2016	Full Professor (Second class, PR2), UPMC
2009 - 2011	Maître de Conférences - HDR (Associate Professor), UPMC
2009	Research Habilitation (HDR), UPMC, Paris 6
2006 - 2009	Maître de Conférences (Assistant Professor), UPMC
2004 - 2006	NIH Visiting Fellow, NIEHS, NC, USA. Group of Thomas A. Darden.
2001 - 2004	Ph.D. Thesis (allocataire-moniteur) in Theoretical Chemistry, UPMC
2000 - 2001	Diplôme d'Etude Approfondie (DEA, Master 2) in Theoretical Chemistry, UPMC
1998 - 2000	Licence (L3) & Master 1 (Maîtrise) in Chemistry (major: Physical Chemistry), UPEC

Affiliations: SU=Sorbonne Université; UPMC=Université Pierre et Marie Curie (Paris 6); NIEHS=National Institute of Environmental Health Sciences; UPEC=Université Paris-Est Créteil (Paris 12); CNRS=Centre National de la Recherche Scientifique; UT=University of Texas; IUF=Institut Universitaire de France.

Honors and international funding

2022	HPC Innovation Excellence Award.
2022	H2020 Innovative Training Networks (ITN), Co-PI of the PHYMOL project
2022	Fellow of the Royal Society of Chemistry (FRSC)
2021	EIC Accelerator (European Innovation Council innovation grant)
2020	i-Lab 2020 (French national innovation grant)
2019	ERC Synergy: Extreme-Scale Mathematics for Computational Chemistry, 2019-26
2018	Atos - Joseph Fourier Prize in High-Performance Computing (1 st prize)
2018	France-Berkeley Research fund.
2017	Défi CNRS Infiniti (level 2, 2017-2018)
2016	Junior member (research chair 2016-2021) of the Institut Universitaire de France.
2013	CNRS PICS collaborative international fund (with UT Austin)
2012	Emergence-UPMC fund.
2011	Wiley -International Journal of Quantum Chemistry - Young Investigator Award
2008	France-Canada Excellence Research Fund (2008-2010).
2004	National Institute of Health (NIH) Visiting Fellowship award (2004-2006)

Scientific Production and Editorial Activities

- Publications: 185 (h-index: 53, citations > 10000, source Google Scholar)
- Development of the Tinker simulation package (Tinker-HP/Tinker) <https://tinker-hp.org>
- Editor: Results in Chemistry (Elsevier); Editorial Boards: International Journal of Quantum Chemistry (Wiley); Frontiers in Chemistry (Frontiers); LiveCoMS (Univ. Colorado)

Professional affiliations: Société Chimique de France, Royal Society of Chemistry, American Chemical Society, Association for Computing Machinery, Biophysical Society, Sigma Xi.

Industry: Co-founder (2020) and CSO of Qubit Pharmaceuticals, 2020-present (Paris, France).