

Jean-Philip Piquemal

42 years old, married, 2 children

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Scientific career and education

2019-present	Director, Laboratoire de Chimie Théorique (LCT), Sorbonne Université/CNRS
2016-present	Full Professor (first class), Sorbonne Université.
2016-present	Member (Junior) of the Institut de France (IUF research chair 2016-2021)
2015-present	Adjunct Research Professor, Department of Biomedical Engineering, the University of Texas at Austin (USA)
2014-present	Team leader of the MC2 interdisciplinary project team at ISCDS (Institute for Computations and data), Sorbonne Université.
2012- 2018	Director of the Institut Parisien de Chimie Physique et Théorique, FR 2622, SU/CNRS
2012- 2018	Team leader: research axis of LCT: « from quantum interpretative techniques to multiscale modeling » (8 permanent researchers)
2011-2016	Full Professor (second class), UPMC, Paris 6
2009-2011	Maître de Conférences - HDR (Associate Professor), UPMC, Paris 6
Sept 2009	Research Habilitation (HDR), UPMC, Paris 6
2006-2009	Maître de Conférences (Assistant Professor), UPMC, Paris 6
2004-2006	NIH Visiting Fellow, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, USA. Group of Thomas A. Darden.
2001-2004	Ph.D. Thesis (allocataire-moniteur) in Theoretical Chemistry, UPMC, Paris 6
2000-2001	Diplôme d'Etude Approfondie (DEA) in Theoretical Chemistry Paris 6.
1999-2000	Master degree in Physical Chemistry, Paris-Est University (Créteil).

Honors and international funding

2018	ERC Synergy: project EMC ² (Extreme-Scale Mathematics for Computational Chemistry) with E. Cancès, L. Grigori and Y. Maday.
2018	Atos - Joseph Fourier Prize in High-Performance Computing (1 st prize)
2018	France-Berkeley Research fund.
2017	Défi CNRS Infini (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

- Total number of peer reviewed publications: 132; H-index: 37, citations>6000
<https://scholar.google.fr/citations?user=z0cOrb0AAAAJ&hl=fr>
- Development of the Tinker simulation package (Tinker-HP/Tinker/Tinker-OpenMM):
<http://tinker-hp.ip2ct.upmc.fr/>

Editorial activities

- Editor: Results in Chemistry (Elsevier).
- Associate Editor: Living Journal of Computational Molecular Science (Univ. Colorado).
- Editorial Board: International Journal of Quantum Chemistry (Wiley); Interdisciplinary Sciences: Computational Life Sciences (Springer); Frontiers in Chemistry (Frontiers).
- Guest Editor of special issues: “Quantum Modeling of Biological Systems”, Interdisciplinary Sciences: computational Life sciences (Springer), 01/2010; “From Quantum Mechanics to Force Fields, Theoretical Chemistry Accounts (Springer), 03/2012; “Insights from advanced methods in molecular dynamics”, PCCP (RSC), 09/2016; “From Quantum Mechanics to Force Fields, The Journal of Chemical Physics (AIP), 11/2017.