

# Jean-Philip Piquemal

43 years old, married, 2 children

Sorbonne Université (SU), Laboratoire de Chimie Théorique (LCT), UMR 7616 CNRS,  
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## Scientific career and education

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Present situation	- Director, Laboratoire de Chimie Théorique (LCT), UMR 7616, SU/CNRS since 2019 - Distinguished Professor (EXceptional class, PREX), SU since 2019 - Member (Junior) of the Institut de France (IUF research chair 2016-2021) since 2016 - Adjunct Research Professor (Biomedical Engineering), UT Austin (USA) since 2015
2019- present	Distinguished Professor (EXceptional class, PREX-1, CNU 31), SU
2019- present	Team leader of the EMC2 research group at LCT (4 researchers), SU/CNRS
2016- 2019	Full Professor (First class, PR1, CNU 31), SU
2012- 2019	Team leader of the MC2 interdisciplinary project team ("Maths-Chimie) at Institute for Computations and data (ISCD), SU
2012- 2018	Director, 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, 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
2001	Diplôme d'Etude Approfondie (DEA) in Theoretical Chemistry, UPMC
2000	Master degree (Maîtrise) in Chemistry (major: Physical Chemistry), UPEC
1999	Licence in 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

2018	ERC Synergy: project EMC <sup>2</sup> (Extreme-Scale Mathematics for Computational Chemistry) with E. Cancès, L. Grigori and Y. Maday.
2018	Atos - Joseph Fourier Prize in High-Performance Computing (1 <sup>st</sup> 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

- Total number of peer reviewed publications: 147; H-index: 40, 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).