

Francesco A. Evangelista

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Biographic Information

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Employment History

Sep. 2023–Pres.	<i>Professor of Chemistry</i> , Emory University, Atlanta, Georgia
Sep. 2019–Aug. 2023	<i>Associate Professor of Chemistry</i> , Emory University, Atlanta, Georgia
May 2013–Aug. 2019	<i>Assistant Professor of Chemistry</i> , Emory University, Atlanta, Georgia

Education and Training

2011–2013	<i>Postdoctoral Associate</i> , Yale University, New Haven, Connecticut Advisor: Professor John C. Tully
2009–2011	<i>Alexander von Humboldt Fellow</i> , University of Mainz, Mainz, Germany Host: Professor Jürgen Gauss
2005–2008	<i>Doctor of Philosophy</i> , University of Georgia, Athens, Georgia Dissertation advisor: Professor Henry F. Schaefer III
1999–2004	<i>Diploma</i> , Scuola Normale Superiore di Pisa, Pisa, Italy <i>Bachelor of Science</i> , University of Pisa, Pisa, Italy Thesis advisor: Professor Maurizio Persico

Honors and Awards

2025	Member, International Academy of Quantum Molecular Science (IAQMS)
2023	Robert S. Mulliken Award, University of Georgia, Georgia
2023	Hirschfelder Distinguished Visitor Award, University of Wisconsin, Madison
2022–2025	<i>Winship Distinguished Research Professor in Chemistry</i> , Emory University
2020	Medal, International Academy of Quantum Molecular Science (IAQMS)
2018	Camille Dreyfus Teacher-Scholar Award
2017	Dirac Medal, World Association of Theoretical and Computational Chemists (WATOC)
2016	Alfred P. Sloan Research Fellow
2016	Department of Energy Early Career Award
2016	National Science Foundation CAREER Award (<i>awarded but later withdrawn due to a conflict with the DOE Early Career Award</i>)
2010–2011	Alexander von Humboldt Junior Fellowship for Postdoctoral Researchers
1999–2004	Full Scholarship, Scuola Normale Superiore di Pisa, Italy
1999	Prize “Per un futuro intelligente” of the Italian Federation of the Chemical Industry (Federchimica)
1999	Gold Medal, XXXI International Chemistry Olympiad, Bangkok, Thailand
1998	Silver Medal, XXX International Chemistry Olympiad, Melbourne, Australia

Scholarship

Publications

All journal articles are published in peer-reviewed journals. Articles [1]–[25] were authored prior to independent career.

- [102] S. Li, H. Zhai, F. A. Evangelista, and T. C. Berkelbach, *Reaching the thermodynamic limit of periodic CCSD cohesive energies and band gaps with denser Brillouin zone sampling*, *npj Comput. Mater.* (accepted).
- [101] Z. Zhao and F. A. Evangelista, *One-Step Relativistic Driven Similarity Renormalization Group Multireference Perturbation Theory*, *J. Chem. Theory Comput.* **22**, 7230 (2026).
- [100] K. Marin and F. A. Evangelista, *Discerning Mode-Controlled Relaxation Pathways in Photoionized Methane via X-Ray Transient Absorption Spectroscopy*, *J. Am. Chem. Soc.* **148**, 35626 (2026).
- [99] Q. Sun, M. R. Hermes, X. Wu, H. Zhai, X. Zhang, A. M. Ahmed, J. J. Aucar, O. J. Backhouse, S. Banerjee, P. Bao, N. A. Bogdanov, K. Bystrom, F. Chapoton, N.-Y. Chen, I. Y. Chernyshov, H. S. Clifford, S. Cohen-Janes, Z.-H. Cui, Y. D. Damour, N. Dattani, L. B. Dittmer, S. Ehlert, J. J. Eriksen, F. A. Evangelista, S. A. Ewing, A. Farahvash, K. Focke, Y. Gao, K. E. Gasperich, N. Gillispie, J. Greiner, M. R. Hennefarth, J. Hermann, C. Hillenbrand, J. Huhtasalo, B. Ibrahim, B. Jangid, A. N. Javaremi, A. J. Jenkins, Y. Jin, D. S. King, D. P. Kooi, J. S. Kurian, H. R. Larsson, B. T. G. Lau, S. Lee, S. Lehtola, C. Li, H. Li, J. Li, R. Li, S. Li, A. O. Lykhin, A. Mahajan, N. Mauger, P. D. Mazo-Sevillano, J. Moussa, K. Nakano, V. A. Neufeld, L. Peng, H. Q. Pham, P. Pinski, P. Pokhilko, Z. Pu, Y. Qian, S. J. Quiton, W. T. Schulze, T. R. Scott, A. Seal, J. D. Serna, J. E. T. Smith, K. E. Smyser, T. Stahl, C. Sun, K. J. Sung, E. Trushin, S. Upadhyay, E. A. Vo, T. Vogels, S. Wang, T. Wang, X. Wang, X. Wang, Y. Wang, M. Williamson, J. Yang, H.-Z. Ye, C.-N. Yeh, H. Yu, J. Yu,

- V. W.-z. Yu, C. Zhang, D. Zhang, Y. Zhang, Z. Zhao, Z. Zhou, A. J. Zhu, T. Zhu, T. C. Berkelbach, L. Gagliardi, S. Sharma, A. Y. Sokolov, and G. Kin-Lic Chan, *The Python Simulations of Chemistry Framework: 10 Years of an Open-Source Quantum Chemistry Project*, *J. Chem. Phys.* **165**, 102502 (2026).
- [98] Z. Shen, S. Ding, Z. Zhao, F. A. Evangelista, and Y. Wang, *Witnessing Spin-Orbital Entanglement Using Resonant Inelastic X-Ray Scattering*, *Phys. Rev. Lett.* **136**, 116504 (2026).
- [97] I. Magoulas, M. Zhang, and F. A. Evangelista, *Symmetry Dilemmas in Quantum Computing for Chemistry: A Comprehensive Analysis*, *J. Chem. Phys.* **164**, 144113 (2026).
- [96] I. Magoulas and F. A. Evangelista, *Spin-Adapted Fermionic Unitaries: From Lie Algebras to Compact Quantum Circuits*, (under review).
- [95] I. Magoulas and F. A. Evangelista, *Clifford Transformations for Fermionic Quantum Systems: From Pauli and Majorana Operators to Dirac Fermions*, *Phys. Rev. A* **113**, 022455 (2026).
- [94] S. Li, Z. Zhao, and F. A. Evangelista, *Multireference Equation-of-Motion-Driven Similarity Renormalization Group for X-Ray Photoelectron Spectra*, *J. Chem. Theory Comput.* **21**, 12094 (2025).
- [93] E. Mátyus and F. A. Evangelista, *Editorial: 100 Years of Quantum Mechanics - All About Molecules*, *J. Chem. Theory Comput.* **21**, 6241 (2025).
- [92] H. R. Grimsley and F. A. Evangelista, *Thermal Weight Determination and Interstate Coupling in State-Averaged ADAPT-VQE*, *J. Chem. Theory Comput.* **21**, 12557 (2025).
- [91] Z. Zhao, S. Li, and F. A. Evangelista, *Multireference Equation-of-Motion Driven Similarity Renormalization Group: Theoretical Foundations and Applications to Ionized States*, *J. Chem. Theory Comput.* **21**, 7903 (2025).
- [90] F. A. Evangelista, *Mutual Correlation*, *J. Chem. Theory Comput.* **21**, 7471 (2025).
- [89] M. Huang and F. A. Evangelista, *An Improved Virtual Orbital Driven Similarity Renormalization Group Approach for Core-Ionized and Core-Excited States*, *J. Chem. Theory Comput.* **21**, 6834 (2025).
- [88] I. Magoulas and F. A. Evangelista, *Closed-Form Expressions for Unitaries of Spin-Adapted Fermionic Operators*, *Mol. Phys.* **123**, e2534672 (2025).
- [87] F. A. Evangelista and I. Magoulas, *Exact Closed-Form Unitary Transformations of Fermionic Operators*, *Phys. Rev. A* **111**, 042825 (2025).
- [86] S. Li, Z. Zhao, and F. A. Evangelista, *Equation-of-Motion Internally Contracted Multireference Unitary Coupled-Cluster Theory*, *J. Chem. Phys.* **162**, 154112 (2025).
- [85] A. Rodriguez, S. Vadachkoria, F. A. Evangelista, and M. C. Heaven, *Electronic Structure and Spectroscopy of CuBe*, *J. Phys. Chem. A* **129**, 2041 (2025).
- [84] H. R. Grimsley and F. A. Evangelista, *Challenging Excited States from Adaptive Quantum Eigensolvers: Subspace Expansions vs. State-Averaged Strategies*, *Quantum Sci. Technol.* **10**, 025003 (2025).
- [83] T. M. Henderson, B. Harrison, I. Magoulas, J. Necaie, A. M. Projansky, F. A. Evangelista, J. D. Whitfield, and G. E. Scuseria, *Fermionic Mean-Field Theory as a Tool for Studying Spin Hamiltonians*, *J. Chem. Phys.* **161**, 234112 (2024).
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- [81] M. Huang and F. A. Evangelista, *Benchmark Study of Core-Ionization Energies with the Generalized Active Space-Driven Similarity Renormalization Group*, *J. Chem. Theory Comput.*, acs.jctc.4c00835 (2024).
- [80] Z. Zhao and F. A. Evangelista, *Toward Accurate Spin-Orbit Splittings from Relativistic Multireference Electronic Structure Theory*, *J. Phys. Chem. Lett.* **15**, 7103 (2024).
- [79] F. A. Evangelista, C. Li, P. Verma, K. P. Hannon, J. B. Schriber, T. Zhang, C. Cai, S. Wang, N. He, N. H. Stair, M. Huang, R. Huang, J. P. Misiewicz, S. Li, K. Marin, Z. Zhao, and L. A. Burns, *Forté : A Suite of Advanced Multireference Quantum Chemistry Methods*, *J. Chem. Phys.* **161**, 062502 (2024).

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- [72] K. Marin, M. Huang, and F. A. Evangelista, *Signatures of Diradicals in X-Ray Absorption Spectroscopy*, *J. Chem. Phys.* **158**, 151101 (2023).
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- [66] F. A. Evangelista, *Automatic Derivation of Many-Body Theories Based on General Fermi Vacua*, *J. Chem. Phys.* **157**, 064111 (2022).
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- [64] M. Huang, C. Li, and F. A. Evangelista, *Theoretical Calculation of Core-Excited States along Dissociative Pathways beyond Second-Order Perturbation Theory*, *J. Chem. Theory Comput.* **18**, 219 (2022).
- [63] S. Wang, C. Li, and F. A. Evangelista, *Analytic Energy Gradients for the Driven Similarity Renormalization Group Multireference Second-Order Perturbation Theory*, *J. Chem. Theory Comput.* **17**, 7666 (2021).
- [62] N. H. Stair and F. A. Evangelista, *Simulating Many-Body Systems with a Projective Quantum Eigensolver*, *PRX Quantum* **2**, 030301 (2021).
- [61] C. Li and F. A. Evangelista, *Spin-Free Formulation of the Multireference Driven Similarity Renormalization Group: A Benchmark Study of First-Row Diatomic Molecules and Spin-Crossover Energetics*, *J. Chem. Phys.* **155**, 114111 (2021).
- [60] A. Khamoshi, F. A. Evangelista, and G. E. Scuseria, *Correlating AGP on a quantum computer*, *Quantum Sci. Technol.* **6**, 014004 (2021).
- [59] N. H. Stair and F. A. Evangelista, *Exploring Hilbert space on a budget: Novel benchmark set and performance metric for testing electronic structure methods in the regime of strong correlation*, *J. Chem. Phys.* **153**, 104108 (2020).

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 - [53] F. A. Evangelista, G. K.-L. Chan, and G. E. Scuseria, *Exact parameterization of fermionic wave functions via unitary coupled cluster theory*, *J. Chem. Phys.* **151**, 244112 (2019).
 - [52] J. B. Schriber and F. A. Evangelista, *Time dependent adaptive configuration interaction applied to attosecond charge migration*, *J. Chem. Phys.* **151**, 171102 (2019).
 - [51] T. Zhang, C. Li, and F. A. Evangelista, *Improving the Efficiency of the Multireference Driven Similarity Renormalization Group via Sequential Transformation, Density Fitting, and the Noninteracting Virtual Orbital Approximation*, *J. Chem. Theory Comput.* **15**, 4399 (2019).
 - [50] S. Wang, C. Li, and F. A. Evangelista, *Analytic gradients for the single-reference driven similarity renormalization group second-order perturbation theory*, *J. Chem. Phys.* **151**, 044118 (2019).
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 - [44] F. A. Evangelista, *Perspective: Multireference coupled cluster theories of dynamical electron correlation*, *J. Chem. Phys.* **149**, 030901 (2018).
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- C. D. Sherrill, *Psi4NumPy: An Interactive Quantum Chemistry Programming Environment for Reference Implementations and Rapid Development*, *J. Chem. Theory Comput.* **14**, 3504 (2018).
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- [3] F. A. Evangelista and H. F. Schaefer, *Hydrogen atom and hydride anion addition to adenine: Structures and energetics*, *ChemPhysChem* **7**, 1471 (2006).
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- [1] F. A. Evangelista, A. Paul, and H. F. Schaefer, *Radicals derived from adenine: Prediction of large electron affinities with a considerable spread*, *J. Phys. Chem. A* **108**, 3565 (2004).

Conference Talks

Aug. 2026	Many-Body Theory: Nuclear Physics Meets Quantum Chemistry, Mainz, Germany.
Jun. 2025	WATOC 2025, Oslo, Norway.
Jun. 2025	Current Trends in Electronic-Structure Theory (CTEST) 2025, Copenhagen, Denmark.
May 2025	Molecular Quantum Mechanics 2025, Kyoto, Japan.
May 2025	SETCA 2025, University of Memphis, Tennessee.
Feb. 2025	2025 Sanibel Symposium, St. Augustine, Florida.
Nov. 2024	SERMACS Fall 2024, Atlanta, Georgia (2 talks).
Aug. 2024	ACS Fall 2024, Denver, Colorado.
Jun. 2024	Advances in Electronic Structure Theory: A Symposium in Honor of Joe Paldus, Winnipeg, Canada.
Feb. 2024	2024 Sanibel Symposium, St. Augustine, Florida.
Aug. 2023	ACS Fall 2023, San Francisco, California.
Jun. 2023	ICQC 2023, Bratislava, Slovakia.
Mar. 2023	ACS Spring 2023, Indianapolis, Indiana.
Sep. 2022	MLQC4Dyn: machine learning and quantum computing in quantum molecular dynamics, Institut Pascal, Orsay, France.
Aug. 2022	OPERA2020: a conference in honor of Jürgen Gauss' 60th birthday, Ingelheim, Germany.
Aug. 2022	ACS Fall 2022, Chicago, Illinois.
Jul. 2022	WATOC 2020, Vancouver, Canada.
Jun. 2022	Quantum Computing Meets Quantum Chemistry Symposium, Munich Quantum Valley, Munich, Germany.
Apr. 2022	Model Reduction in Quantum Mechanics, Institute for Pure & Applied Mathematics, Los Angeles, California.
Mar. 2022	ACS Spring 2022, San Diego, California.
Feb. 2022	2022 Sanibel Symposium, Saint Simon Island, Georgia.

Jan. 2022	Kavli Institute for Theoretical Physics, symposium on “Towards Classically Intractable Quantum Simulations of Physics and Chemistry,” Santa Barbara, California.
Dec. 2021	Pacificchem 2021, (virtual), symposium “Computational Quantum Chemistry: Synergism Between Theory and Experiment.”
Dec. 2021	ICT-HPCC21, (virtual), China.
Apr. 2021	ACS Spring 2021, (virtual), symposium “Synergy Between Quantum Computing and High-Performance Computing in Quantum Chemistry and Materials Science.”
Jun. 2020	TSRC: Low-scaling and Unconventional Electronic Structure Techniques, Telluride, Colorado (virtual symposium).
Apr. 2019	257th ACS, Orlando, Florida.
Aug. 2019	258th ACS, San Diego, California.
Jun. 2019	Molecular Quantum Mechanics, Heidelberg, Germany.
Jun. 2019	TSRC: New Frontiers in Electron Correlation, Telluride, Colorado.
May 2019	Chemical Theory and Computation, Department of Energy, Washington, D.C.
Apr. 2019	257th ACS, Orlando, Florida.
Jan. 2019	Enabling Quantum Leap: Quantum algorithms for quantum chemistry and materials, National Science Foundation, Washington, D.C.
Nov. 2018	Mainz-Kobe joint workshop on Solving the FCI Problem, Kobe, Japan.
Aug. 2018	256th ACS, Boston, Massachusetts.
Jul. 2018	ICQC 2018, Satellite Symposium on Strong correlation in electronic structure theory, Strasbourg, France.
Jun. 2018	TSRC: Low-scaling and Unconventional Electronic Structure Techniques, Telluride, Colorado.
Feb. 2018	2018 Sanibel Symposium, Saint Simon Island, Georgia.
Aug. 2017	WATOC 2017, Munich, Germany.
Aug. 2017	254th ACS, Washington D.C.
Jul. 2017	ACTC 2017, Boston, Massachusetts.
Jun. 2017	TSRC: New Frontiers in Electron Correlation, Telluride, Colorado.
May 2017	SETCA 2017, University of Mississippi, Oxford, Mississippi.
Apr. 2017	253rd ACS, San Francisco, California.
Feb. 2017	Society of Industrial and Applied Mathematics 2017, Atlanta, Georgia.
Oct. 2016	ICT-HPCC16, Southwest University, Chongqing, China.
Jul. 2016	ISTCP-VI, Grand Forks, North Dakota.
Jun. 2016	TSRC: Low-scaling and Unconventional Electronic Structure Techniques, Telluride, Colorado.
May 2016	SETCA 2016, University of Tallahassee, Tallahassee, Florida.
May 2016	2nd Computational and Theoretical Chemistry Research PI Meeting, Gaithersburg, Maryland, USA.
Mar. 2016	251st ACS, San Diego, California.

Jul. 2015	TSRC: New Frontiers in Electron Correlation, Telluride, Colorado.
Jun. 2015	ICQC 2015, Satellite Symposium, Kobe University, Kobe, Japan.
Mar. 2015	249th ACS, Denver, Colorado.
Aug. 2014	248th ACS, San Francisco, California.
Jul. 2014	TSRC: Spectroscopy and Dynamics on Multiple Potential Energy Surfaces, Telluride, Colorado.
Nov. 2013	SERMACS 2013, Atlanta, Georgia.
Sep. 2013	246th ACS, Indianapolis, Indiana.
Jul. 2013	ICQC Workshop: Coupled-Cluster theory and related techniques, Boulder, Colorado, USA.
Jul. 2011	World Association of Theoretical and Computational Chemists, Santiago de Compostela, Spain.
Jun. 2011	European Seminar on Computational Methods in Quantum Chemistry (ES-CMQC11), Oscarsborg Fortress, Drøbak, Norway.
Sep. 2010	46th Symposium on Theoretical Chemistry (STC 2010), Münster, Germany.
May 2010	Institute for Theoretical Chemistry, Universität zu Köln, Germany.
Feb. 2010	Sanibel Symposium, St. Simons Island, Georgia, USA.
Sep. 2008	World Association of Theoretical and Computational Chemists (WATOC 2008), Sydney, Australia.
Jul. 2008	Sixth Congress of the International Society for Theoretical Chemical Physics (ISTCP-VI 2008), Vancouver, Canada.
Jan. 2008	Symposium on Atomic, Molecular and Optical Sciences & High-Performance Computing: A Seamless Frontier, Kolkata, India.

Invited Lectures and Colloquia

Sept. 2026	Departmental Seminar, Johns Hopkins University, Maryland.
Nov. 2025	Departmental Seminar, University of North Dakota, North Dakota.
Nov. 2024	Departmental Seminar, Indiana University Bloomington, Indiana.
May 2024	Departmental Seminar, Virginia Tech, Virginia.
Apr. 2024	Dirac Quantum Discussions, Florida State University, Florida.
Apr. 2024	Departmental Seminar, Florida State University, Florida.
Sep. 2023	Theoretical Chemistry Institute Hirschfelder Distinguished Visitor Seminar, University of Wisconsin-Madison, Wisconsin.
May 2023	Robert S. Mulliken Lecture, University of Georgia, Georgia.
Apr. 2023	Silliman Lecture in Theoretical Chemistry, Yale University, New Haven, Connecticut.
Dec. 2022	Stuttgart University, Stuttgart, Germany (online).
Aug. 2022	Oak Ridge National Laboratory, Oak Ridge, Tennessee (online).
Nov. 2021	Departmental Seminar, University of Florida, Gainesville, Florida (online).
Apr. 2021	Departmental Seminar, University of Minnesota, Minneapolis, Minnesota (online).

Apr. 2021	Quantum Seminar Series, Rice University, Houston, TX (online).
Apr. 2020	Quantum Initiative Seminar, University of Tennessee, Knoxville, TN (Canceled due to COVID-19).
Jan. 2020	Winter School on Quantum Computing at Emory, Physics Department, Emory, Atlanta, Georgia.
Oct. 2019	Departmental Seminar, Washington State University, Seattle, Washington.
Sept. 2019	THEOCHEM Seminar, Harvard/MIT/BU, Boston, Massachusetts.
Oct. 2018	Departmental Seminar, Ohio State University, Columbus, Ohio.
Apr. 2018	Departmental Seminar, Michigan State University, East Lansing, Michigan.
Apr. 2018	Chemical Physics Seminar, Caltech, Pasadena, California.
Mar. 2018	Physical Chemistry Seminar, University of California San Diego, San Diego, California.
Oct. 2016	Physical Chemistry Seminar, University of California Irvine, Irvine, California.
Sept. 2016	Department Seminar, Auburn University, Auburn, Alabama.
Apr. 2016	Mathematics & Computer Science, Emory University, Atlanta, Georgia, USA.
Feb. 2016	Physical Chemistry Seminar, Rice University, Houston, Texas, USA.
Apr. 2015	Nuclear Physics, Michigan State University, East Lansing, Michigan.
Dec. 2013	ETH Zurich and IBM Zurich, Zurich, Switzerland.

Teaching

Undergraduate courses

Fall 2014–2017	CHEM331: Physical Chemistry I (quantum), Emory University
Summer 2016	CHEM-468W: Perspectives in Chemistry, Emory University (course for Emory's Siena Program, co-taught with Dr. Tracy McGill)
Fall 2018	CHEM-150: Structure and Properties, Emory University
Fall 2020	CHEM-371LW: Quantum Chemistry Lab, Emory University
Fall 2021-2022	CHEM-335LW: Quantum Chemistry Lab, Emory University

Graduate courses

Spring 2014–2017, 2019–2022	CHEM532: Modern Techniques in Computational and Theoretical Chemistry (electronic structure theory), Emory University
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Awards related to teaching/education

2018	Camille Dreyfus Teacher-Scholar
2016	National Science Foundation CAREER Award (<i>awarded but later withdrawn due to a conflict with the DOE Early Career Award</i>)

Service

Conference organization

2014	Organizer, 2014 Meeting of the Southeastern Theoretical Chemistry Association (SETCA2014), Atlanta, Georgia. This low cost regional meeting emphasized student participation through contributed talks and poster presentations.
2018	Founder and Organizer, Atlanta Symposium on Theoretical and Computational Chemistry. Created a new meeting for computational and theoretical chemists in the Atlanta area and organized the first meeting at Emory.
2019	Kickoff meeting: Quantum Chemistry for Quantum Computer, Department of Chemistry, Emory, Atlanta, Georgia.
2019	Psi4 Annual Developer Workshop, Department of Chemistry, Emory, Atlanta, Georgia.
2020	Organizer, Winter School on Quantum Computing at Emory, Physics Department, Emory, Atlanta, Georgia.
2020	Organizer, 2020 Telluride Science Research Center: Symposium on Low-scaling and Unconventional Electronic Structure Techniques, Telluride, Colorado.
2021	Scientific advisor, 2021 Kavli Institute for Theoretical Physics, Workshop, University of California Santa Barbara, California.
2022	Organizer, 2022 ACS Chicago symposium on Quantum Chemistry: Current and Future Frontiers.

Editorial

- 2023- Associate Editor, *Journal of Chemical Theory and Computation*
- 2020-2022 Editorial Advisory Board, *The Journal of Chemical Physics*
- 2020-2022 Editorial Advisory Board, *Journal of Chemical Theory and Computation*
- 2014- Reviewer for the National Science Foundation, Department of Energy, and the American Chemical Society.
- Reviewer for *Chemical Science*, *JACS*, *Physical Review X*, *Physical Review X Quantum*, *Journal of Chemical Theory and Computation*, *The Journal of Chemical Physics*, *Quantum*, *Chemical Physics*, *Chemical Physics Letters*, *Journal of Physical Chemistry*, *Journal of Physical Chemistry Letters*, *Molecular Physics*, *Physical Chemistry Chemical Physics*, *Theoretical Chemistry Accounts*, *International Journal of Quantum Chemistry*.

Other

- 2019- Scuola Normale Superiore di Pisa, Affiliate member of the teaching board