

Murray Holland

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Professional Preparation:

University of Oxford, UK	Physics	D.Phil	1994
University of Auckland, NZ	Physics	MSc.	1990
University of Auckland, NZ	Physics and Mathematics	BSc	1988

Professional Appointments:

2013-2014	Chair of JILA, University of Colorado, Boulder, CO, USA
2011-2012	Associate Chair of JILA, University of Colorado, Boulder, CO, USA
2010-Present	Professor of Physics, University of Colorado, Boulder, CO, USA
2003-2010	Associate Professor of Physics, University of Colorado, Boulder, CO, USA
1996-2003	Assistant Professor of Physics, University of Colorado, Boulder, CO, USA
1995-1996	Postdoctoral Research Associate, University of Colorado Boulder, CO, USA
1994-1995	Lindemann Fellow of the English-Speaking Union (UK), University of Colorado, Boulder, CO, USA
1993-1994	Junior Research Fellow, St John's College, Oxford (UK)

Relevant Technical Expertise:

Quantum optics theory, theory of ultracold quantum gases, quantum information science (theory and applications), quantum computing, quantum metrology

Selected Awards and Honors

- Fellow of the American Physical Society, 2004
- Marinus Smith Award, University of Colorado Boulder, 2019
- Member at Large, Exec Committee of DAMOP, American Physical Society, 2011–2013
- College Scholar, University of Colorado, 2012
- Junior Faculty Development Award, University of Colorado 1997
- Rutherford Scholar of the Royal Society (England), 1990–1993
- Department of Physics, Outstanding Physics Teacher Award, CU Boulder, 2024–2025

Dissertation: D.Phil., Oxford, UK, 1994

“A measurement approach to the quantum dynamics of open systems”, advisor: Keith Burnett