

CURRICULUM VITAE: Timothy John REDDISH



PERSONAL DETAILS:

Name: Timothy John REDDISH
Date of Birth: 26th August, 1959 Age: 58 years
Place of Birth: Shirebrook, Derbyshire, England. Sex: Male
Address: 929, Prado Place, Windsor, Ontario, N8S 2H4, Canada
Telephone: Home: (519) 967 1144
Email: tjreddish@gmail.com
Web site: asamatteroffaith.com
Marital Status: Married Nationality: Canadian and U.K.

DEGREES:

M.Div. (Theology), Knox College, University of Toronto, Canada, 2015 (GPA = 3.81/4.00)
Ph.D (Physics), University of Manchester, U.K., 1984
Graduate Diploma, Advanced Studies in Science, University of Manchester, U.K., 1982
B.Sc. (Hons) Physics (First Class), University of Manchester, U.K., 1981

EMPLOYMENT HISTORY:

2017/12/01 → Present Minister, [St. Andrew's Presbyterian Church](http://www.standrews.ca), Amherstburg, ON.
2011/07/01 → 2014/06/30 Adjunct Professor, Physics, University of Windsor, ON, Canada.
2010/07/01 → 2011/06/30 Professor, Physics, University of Windsor, ON, Canada.
2003/07/01 → 2010/06/30 Associate Professor, Physics, University of Windsor, ON, Canada.
2002/09/01 → 2003/06/30 Assistant Professor (Tenured), Physics, University of Windsor, ON, Canada.
2001/09/15 → 2002/08/31 Reader in Experimental Atomic Physics, Physics, University of Newcastle, U.K.
1998/09/15 → 2001/09/15 Senior Lecturer, Physics, University of Newcastle, U.K.
1991/09/15 → 1998/09/15 Lecturer (B), Physics, University of Newcastle, U.K.
1988/09/15 → 1991/09/15 Lecturer (A), Physics, University of Newcastle, U.K.
1987/08/01 → 1988/08/31 Research Assistant, Chemistry (Prof. C. E. Brion), UBC, Vancouver, B.C.,
1984/10/01 → 1987/07/31 Research Associate, Physics (Dr. J. Comer), University of Manchester, U.K.

HONOURS:

Knox College: Gold Medal

In addition, I received ten academic awards at Knox College (2011-2015), including awards in:

Church History (x2): Prince of Wales Prize and Walter W. Bryden Prize.
New Testament: William R. and Ada Major Scholarship.
Old Testament: The Dr. John Stenhous Memorial Scholarship.
Reformed Worship: The Knox, Guelph-R.J. Berlis Prize.
Philosophy and Ethics: The Gordon Mortimer Clark Prize.
General Proficiency (x4): Bonar-Burns Prize and Gillies Scholarship.

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University of Windsor Faculty of Science Certificate of Appreciation, 2009.

University of Windsor Faculty of Science Teaching Score Award, 2009.

University of Windsor Faculty of Science Teaching Score Award, 2007.

BRIEF BIOGRAPHICAL DETAILS AND INTERESTS

I was at the University of Newcastle-upon-Tyne for 14 years before relocating with my family from England to Canada in 2002. I spent my formative years in Nigeria, where my parents were missionaries. I have a diverse church background—Pentecostal, Baptist, Anglican, and Presbyterian. My first wife died of cancer in 2011; my son and his family live in Edmonton. I am now remarried and enjoy being a stepdad to four children. I love reading theology, watching British detective stories and period dramas, F1 racing, and photography.

CHURCH ACTIVITIES & HISTORY

[University Community Church](#), Windsor (Presbyterian), 2320 Wyandotte Street West, Windsor, ON, N9B 1K4.

Clerk of Session, Elder, Trustee, and Leadership Team. Attend weekly home group.

[Jesmond Parish Church](#) (Anglican), Eskdale Terrace, Jesmond, Newcastle upon Tyne, NE2 4DJ, U.K.

Home Group Leader.

[West Point Grey Baptist Church](#), Vancouver, BC.

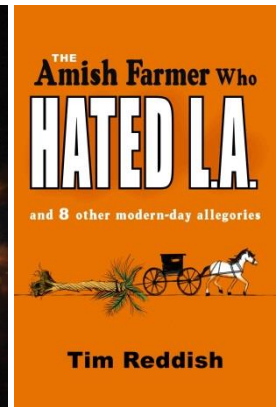
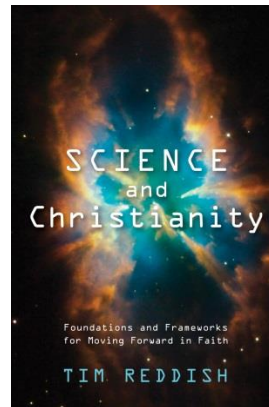
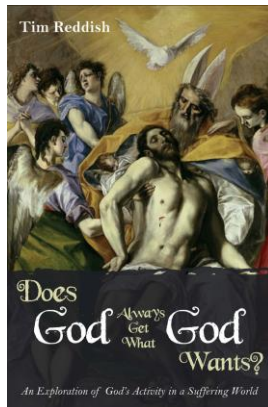
Attend weekly home group. Volunteer Assistant with IVCF International Student Ministry.

[St. James and Emmanuel Parish Church](#) (Anglican), 6 Barlow Moor Road, Didsbury, Manchester M20 6TR, U.K.

Home Group Leader. Sunday School Teacher (Pathfinders)

ESSAYS:

“What’s Prayer Got to do with it?”
in *Uncontrolling Love: Essays Exploring the Love of God with Introductions by Thomas Jay Oord*, eds: C. Baker, G. Coffin, C. Drurey, G. Kirksey, L. Michaels, and D. Ward. (SacraSage Press, CA, 2017).



BOOKS:

The Amish Farmer Who Hated L.A. and 8 Other Modern Day Allegories. (Sisters, OR: Deep River Books, 2015).

Endorsements:

“Tim Reddish writes to address difficult questions from interesting angles. His work feels fresh, contemporary, challenging and thought-provoking, without departing from orthodox faith. This book helps us to reflect on our lives, the better to serve the One who gave us life.”

Ven. Nick Barker, Archdeacon of Auckland and Priest-in-Charge of Holy Trinity, Darlington, UK.

“In this book the delights of imagination meet timeless stories of Scripture. The outcome is the retelling of deep truths about both the human condition and God’s remarkable grace. Tim Reddish has given us a whimsical and thought-provoking read that is also pure pleasure.”

Rev. Dr. Judy Paulsen, Professor of Evangelism, Wycliffe College, Toronto.

“This collection of short stories warms the heart and provides insight into how God is at work through people today. The stories take biblical topics and situate them into contemporary cultural settings and so help to open our eyes to their meaning for today. In this book Tim Reddish takes on a number of interesting topics and handles them with grace.”

Dr. John Sanders, Professor of Religious Studies, Hendrix College, and author of *The God Who Risks*.

“In reading many of Tim Reddish’s stories I had a moment where I realized which familiar Biblical story he was using, only to discover an unexpected twist around the next corner. These stories are full of gentle humor and great insight which will keep the reader thinking for days after reading them.”

Rev. Dr. Stuart Macdonald, Professor of Church and Society, Knox College, Toronto.

Science and Christianity: Foundations and Frameworks for Moving Forward in Faith (Eugene, OR: Wipf & Stock, 2016).

Endorsements:

“The polarized positions, from within the church and from skeptics outside, are so loud and so effectively disseminated that it is often difficult for sensible, mediating positions to be heard. But I am encouraged that there are more and more such positions, including this straightforward defense of critical realism. Reddish’s concluding challenge to ‘*Let Scripture be*’ should be a helpful word in season for church audiences.”

Mark Noll, Francis A. McAnaney Professor of History at the University of Notre Dame, and author of *Jesus Christ and the Life of the Mind*.

“Reddish engages Scripture faithfully and science with professional integrity. In this book readers will find a helpful guide to understanding not just the perennial flash points of science and Christianity, but the deeper issues that have conditioned the modern mind to be suspicious of finding common ground between them. Reddish shows not just that science and faith can get along, but that when each is understood properly, they enrich each other.”

Jim Stump, Senior Editor, *BioLogos*, and author of *Science and Christianity: An Introduction to the Issues*.

“A good book on science and faith needs to be written by someone who has a feel for science from the experience of working it, combined with a depth of theological understanding, and the lightness of touch to make it readable and exciting. Tim Reddish has written this kind of good book—both for those with Christian faith and for those exploring Christian faith.”

David Wilkinson, FRAS, Principal of St John’s College, Durham, UK, and author of *When I Pray What Does God do?*

“This is an informative book of real scholarship in which Tim Reddish addresses the supposed ‘conflict’ between science and Christianity head-on. By exposing the historical and cultural roots of the divide he is able to point out where useful dialogue can and should occur.”

Bill McConkey, O.Ont, FRSC, Professor Emeritus, University of Windsor.

“In *Science and Christianity*, Tim Reddish lays an authoritative, yet personal, account of why science and Christianity are not contradictory ‘belief systems.’ He tackles the big questions that are routinely asked about their relationship—the nature of truth, prayer, the Bible, design in nature, miracles—and offers direct, engaging explanations that will appeal. A great book to read yourself and then give to others.”

Mike Hulme, Professor of Climate and Culture, King’s College London

Does God Always Get What God Wants? An Exploration of God’s Activity in a Suffering World.
(Eugene, OR: Cascade Books, 2018).

Endorsements:

“Tim Reddish, trained both in physics and theology, has a nimble mind, and this probing of the relationship between human suffering and God is deft and profound. But mainly this is a deeply personal book, one in which Reddish’s own experience with loss and grief sends him farther along the path of faith. His journey takes him not to neatly crafted answers but instead to the cross of Jesus Christ. Readers of this book will learn much, and they will also be powerfully moved.”

Thomas G. Long, Bandy Emeritus Professor of Preaching, Candler School of Theology, Emory University, and author of *What Shall We Say? Evil, Suffering, and the Crisis of Faith*.

“Drawing from Scripture, tradition, science, and his own very personal experience with tragedy, Tim Reddish offers readers a clear, comprehensive, and compelling response to the problem of evil—one that doesn’t require us to accept that the horrendous suffering people often endure is part of God’s grand plan but that nevertheless offers people great hope and comfort. Whether or not readers end up agreeing with every aspect of Reddish’s proposal—I do not—they will find a wealth of helpful insights in this powerful book.”

Gregory A. Boyd, Senior Pastor of Woodland Hills Church, St. Paul, Minnesota, and author of *Is God to Blame? and Satan and the Problem of Evil*.

Lucid, thought-provoking, insightful, and deeply personal. Reddish shows how the path of suffering can be transformative, even enabling intimacy with our Trinitarian God, who participates in our suffering and with that of all creation. The Trinity’s journey of suffering love to the cross can become more profoundly real through our own experiences of pain and brokenness.

Fr. Richard Rohr, author of *The Divine Dance* and *Job and the Mystery of Suffering*.

“Made real and deeply moving by his own experience of life’s limits, Tim Reddish has written a thoughtful account of the problem of human suffering and the Christian response to it. This book is well-informed by some of the best treatments of the subject in contemporary literature. It is written in a clear and readable manner, and should serve Christian and non-Christian discussion groups admirably.”

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Douglas John Hall, Emeritus Professor of Christian Theology, McGill University, and author of *God and Human Suffering* and *The Cross in Our Context*.

“Once we set aside belief in a controlling God, faith in God becomes more interesting not less so. Reddish explores the implications in this readable and provocative book. The results create a new vision of God and a way to make sense of suffering and joy.”

Thomas Jay Oord, author of *The Uncontrolling Love of God*.

“A wise, illuminating, and moving book in practical theology—a real pleasure to read.”

Keith Ward, Regius Professor Emeritus of Divinity, Oxford, author of *Divine Action* and *Christ and the Cosmos*.

In this little gem of a book, Reddish brings the full weight of his rigorous scientific and theological mind to bear on questions of suffering and God in this world. Grounded in his experience of grief, having suffered the untimely death of his beloved wife, Anne, Reddish examines central doctrines of the faith to consider how they speak *into* the lives of real people living and dying in the here and now. He examines biblical sources, historical and contemporary theology, and especially the theology of the cross to explore questions of theodicy for Christians in today’s world. It is an engaging and thoughtful read, written from the heart of a lively and invigorated faith.

Pamela R. McCarroll, Associate Professor of Practical Theology, Emmanuel College, University of Toronto, and author of *Waiting at the Foot of the Cross*.

CHRISTIAN EDUCATION (Spring 2015)

Co-taught “*Science and Christianity*” (with Dr. W. Crosby) as Huron University College LTh course, at Canterbury College, Windsor.

SCHOLARLY AND PROFESSIONAL (PHYSICS) ACTIVITIES (Since 2002 only):

Scientific Committee for International Symposium on (e,2e), Double Photoionisation and Related Phenomena (2003, 2005, 2006, 2007, 2009)

International Conference on the Photonic, Electronic and Atomic Collisions: General Committee (2000-2003)

Beamtime proposal reviewer for the Canadian Light Source (2009-2010)

CLCRC (UK) Physics Facility Application Program Committee (2005-2008)

Ontario Southwest Council Representative, Canadian Association of Physicists (2003-06)

Board of Trustee Member, Canadian Institute for Synchrotron Radiation (CISR) (2004-2010)

EPSRC (UK) International Physics College Member (2003-08)

University of Windsor Undergraduate Program Development (UPR) Committee (Sept 1 2006 – Aug 31 2008)

University of Windsor Senate (Sept 1 2006 – Aug 31 – 2007)

Physics Representative on various Science Faculty Committees, including Science Council (2003-2010)

Physics Department, University of Windsor.

Head of Physics Department (July 1 2008 – July 31 2009)

Acting Head, Department of Physics (Jan 1 2005 – June 30 2005)

Physics Graduate Advisory and PhD Qualifying Committee (2009-10)

Nicholas Copernicus Scholarship Committee (2009)
Promotion and Tenure Committee (2006-2009)
Recruiting Committee (2002-10)
Co-op Liaison Officer (2009-2010)
Academic Counselling Committee (2002-10)
Machine Shop Committee (2003-06, 2008-10)
Appointments Committee (2003-09)
Curriculum Committee (2002-05, 2009)

THESIS / PROJECT SUPERVISION:

UNDERGRADUATE: Completed: 6 (Supervisor), 1 (Co-supervisor)

GRADUATE Completed: 3 Postdoctoral (Supervisor), 7 Doctoral (Supervisor), 3 Master's (Supervisor)

TAUGHT COURSES (2006-2011):

Undergraduate Courses:

Atomic and Molecular Spectra	03-64-311	2010(W), 2009(W), 2008(W), 2007(W), 2006(W)
Quantum Physics and Chemistry	03-64-310	2010(F), 2007(IS), 2006(IS)
Physics and Society I: The Past	03-64-202	2007(F), 2006(F)
Introduction to Astronomy I	03-64-190	2009(F), 2008(F), 2007(F), 2006(F)
Introduction to Physics I	03-64-140	2010(F), 2009(F)

Graduate Course: Applications of Electron, Ion and Atomic Beams 03-64-587 2009(W)

EXTERNAL RESEARCH FUNDING (2006-2015):

2010-2015 NSERC (Discovery)	Dr. T. J. Reddish	\$245,000	(Sole Researcher)
2005-2010 NSERC (Discovery)	Dr. T. J. Reddish	\$175,000	(Sole Researcher)

ACADEMIC PUBLICATIONS:

Life-time summary (count) according to the following categories:

Articles in Refereed Journals	42	Total Citations:	691	Ave: 20.3/year
Articles in Refereed Conference Proceedings			7	
Articles and/or Papers Presented (Posters Presented)			53	

Articles in Refereed (Peer Reviewed) Journals (2006-2014)

- Spanjers T L, Sullivan M R, Reddish T J, and Hammond P, Evidences for isochronous behavior in electron and ion storage for a low energy electrostatic storage ring, *Nucl Instrum Methods A* 736 (2014) 118–123
- Reddish T J, Padmanabhan A, MacDonald M A, Zuin L, Fernández J, Palacios A, and Martín F, Observation of Interference between Two Distinct Autoionizing States in Dissociative Photoionization of H₂, *Physical Review Letters*, 108: 023004, 2012
- Padmanabhan A, MacDonald M A, Ryan C H, Zuin L and Reddish T J, An angle-resolved dissociative photoionization study of the c⁴Σ_u state in O₂ using the TPEPICO technique., *J. Phys. B: At. Mol. Opt. Phys.*, 43: 165204, 2010

4. Feagin J M, Colgan J, Huetz A, and Reddish T J, Electron-Pair Excitations and the Molecular Coulomb Continuum, *Physical Review Letters*, 103: 033002, 2009
5. Hammond, P, Reddish T J, Alderman A J, Tessier D R, and Read F H, Stability Criteria for a Passive Electrostatic Non-Relativistic Charged Particle Storage Device, *New Journal of Physics*, 11: 043033, 2009
6. Reddish T J, Colgan J, Bolognesi P, Avaldi L, Gisselbrecht M, Lavollée M, and Huetz A, Physical Interpretation of the "Kinetic Energy Release" Effect in the Double Photoionization of H₂, *Physical Review Letters*, 100: 193001, 2008
7. J Colgan, A Huetz, T J Reddish, and M Pindzola, Internuclear Separation Dependence of the Angular Distributions from Photoionization from H₂⁺, *J. Phys. B: At. Mol. Opt. Phys.*, 41: 085202 1-6 pp, 2008
8. Tessier, D R, Niu Y, Seccombe D P, Reddish T J, Alderman A J, Birdsey B G, Read F H, and Hammond P, Passive Electrostatic Recycling Spectrometer of Desk-Top Size for Charged Particles of Low Kinetic Energy, *Physical Review Letters*, 99: 253201, 2007
9. Lukowski, M, Sutton, S, Kedzierski, W, Reddish T J, Bartschat, K, Bartlett, P L, Bray, I, Stelbovics, A T, McConkey, J W, Electron-Impact Ionization Cross Sections out of the Ground and 6²P Excited States of Cesium., *Physical Review A*, 74: 032798, 2006
10. Gisselbrecht, M, Lavollée, M, Huetz, A, Bolognesi, P, Avaldi, L, Seccombe, D P, and Reddish T J, Photodouble Ionization Dynamics for Fixed-in-Space H₂, *Physical Review Letters*, 96: 153002, 2006

Selected Most Cited Papers:

Wightman, J P, Cvejanovic, S, and Reddish, T J, ($\gamma, 2e$) cross section measurements of D₂ and He, *J. Phys. B: At. Mol. Opt. Phys.*, 31 (8) 1753-1764, 1998, (73 times)

Gisselbrecht, M, Lavollée, M, Huetz, A, Bolognesi, P, Avaldi, L, Seccombe, D P, and Reddish T J, Photodouble Ionization Dynamics for Fixed-in-Space H₂, *Physical Review Letters*, 96: 153002, 2006 (43 times)

Reddish, T J, Richmond, G, Bagley, G W, Wightman, J P, and Cvejanovic, S, Dual toroidal photoelectron spectrometer for investigating photodouble ionization in atoms and molecules, *Rev Sci Instrum*, 68 (7), 2685-2692, 1997 (47 times)

Reddish T J, Colgan J, Bolognesi P, Avaldi L, Gisselbrecht M, Lavollée M, and Huetz A, Physical Interpretation of the "Kinetic Energy Release" Effect in the Double Photoionization of H₂, *Physical Review Letters*, 100: 193001, 2008 (24 times)

Most Recent Invited Presentation:

"Observation of Beta Parameter Oscillations in Dissociative Photoionisation of H₂", International Symposium on (e,2e), Double Photo-ionization & Related Topics & 16th International Symposium on Polarization & Correlation in Electronic & Atomic Collisions, Dublin, Ireland, (2011); Co-presenters: A. Padmanabhan, M. A. MacDonald, L. Zuin, J. Fernández and F. Martín.