

CONTRIBUTORS

Wesley D. Allen is a senior research scientist and adjunct professor at the Center for Computational Chemistry at the University of Georgia. Dr. Allen received a B.A. in chemistry and physics from Vanderbilt University (1983) and a Ph.D. in theoretical chemistry from the University of California, Berkeley (1987). He served as an assistant professor in the department of chemistry at Stanford University from 1988-1994, before moving to his current position at the University of Georgia in 1995. Dr. Allen is an expert in fundamental theories and large-scale computational applications of molecular quantum mechanics. He has authored over seventy scientific research publications, most appearing in the *Journal of Chemical Physics*, as well as a recent book chapter in *Science: Christian Perspectives for the New Millennium*.



Francis J. Beckwith is associate director of the J. M. Dawson Institute of Church-State Studies, and associate professor of church-state studies at Baylor University. A 2002-2003 Madison Research Fellow in Politics at Princeton University, he has served since 2003 as a member of Princeton's James Madison Society. He is a graduate of Fordham University (Ph.D., philosophy), and holds the Master of Juridical Studies (M.J.S.) degree from the Washington University School of Law in St. Louis. His books include *To Everyone An Answer: A Case for the Christian Worldview* (InterVarsity Press, 2004); *Law, Darwinism & Public Education: The Establishment Clause and the Challenge of Intelligent Design* (Rowman & Littlefield, 2003); and *Do the Right Thing: Readings in Applied Ethics and Social Philosophy* (Wadsworth, 2002). His articles have been published in a number of academic journals across a variety of disciplines, including *Harvard Journal of Law & Public Policy*, *International Philosophical Quarterly*, *Public Affairs Quarterly*, *Notre Dame Journal of Law, Ethics & Public Policy*, *Social Theory & Practice*, *American Journal of Jurisprudence*, *Journal of Medical Ethics*, *San Diego Law Review*, *Nevada Law Journal*, *Journal of Social Philosophy* and *Philosophia Christi*. His website is <http://francisbeckwith.com>.

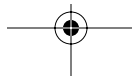
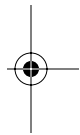
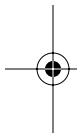


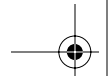


Michael J. Behe is professor of biological sciences at Lehigh University in Pennsylvania. He received his Ph.D. in biochemistry from the University of Pennsylvania in 1978. In addition to publishing over thirty-five articles in refereed biochemical journals, he has also written editorial features in *Boston Review*, *American Spectator* and the *New York Times*. His book, *Darwin's Black Box*, discusses the implications for neo-Darwinism of what he calls "irreducibly complex" biochemical systems. The book was internationally reviewed in over one hundred publications and recently named by *National Review* and *World* magazine as one of the one hundred most important books of the twentieth century. He is a senior fellow with Discovery Institute's Center for Science and Culture.

Walter L. Bradley (Ph.D., P.E.) is currently Distinguished Professor of Engineering at Baylor University. Previously, he was professor of mechanical engineering at Texas A&M University. There he served as department head for sixty-seven professors and fifteen hundred students from 1989-1993. He also served as the director of the Texas A&M University Polymer Technology Center from 1986-1990 and from 1994-2000. He received more than five million dollars in research contracts from government agencies such as NSF, NASA, DOE and AFOSR, and from major corporations such as Dupont, Exxon, Shell, Phillips, Equistar, Texas Eastman, Union Carbide and 3M. He has published more than 145 technical articles in archival journals, conference proceedings and as book chapters. He was honored by being elected a Fellow of the American Society for Materials in 1992. He has received one national and five local research awards and two local teaching awards. He coauthored a seminal work on the origin of life titled *The Mystery of Life's Origin: Reassessing Current Theories* in 1984 and has published several book chapters and journal articles related to the origin of life as well and has spoken on over sixty university campuses on this topic in the past ten years. He is a fellow of Discovery Institute's Center for Science and Culture.

David Berlinski received his Ph.D. in philosophy from Princeton University and was later a postdoctoral fellow in mathematics and molecular biology at Columbia University. He has authored works on systems analysis, differential topology, theoretical biology, analytic philosophy and the philosophy of mathematics as well as three novels. He has also taught philosophy, mathematics and English at such universities as Stanford, Rutgers, the City

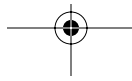
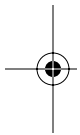




University of New York and the Université Paris. In addition, he has held research fellowships at the International Institute for Applied Systems Analysis (IIASA) in Austria and the Institut des Hautes Études Scientifiques (IHES) in France. Recent articles by Dr. Berlinski have been featured in *Commentary*, *Forbes ASAP* and the *Boston Review*. He is author of numerous books, including *A Tour of the Calculus*, *The Advent of the Algorithm*, *Newton's Gift*, *The Secrets of the Vaulted Sky* and, most recently, *Infinite Ascent: A Short History of Mathematics*. He is a senior fellow with Discovery Institute's Center for Science and Culture.

J. Budziszewski (Ph.D. Yale, 1981) is professor of government and philosophy at the University of Texas at Austin. He is a political theorist and philosopher of natural law. His recent work focuses on the repression of moral knowledge—what we really know, how we tell ourselves that we don't know what we do, and what happens to the structures of conscience and moral judgment when we try. A fellow of the Wilberforce Forum as well as Discovery Institute's Center for Science and Culture, he is also chair of the board of directors of the Institute for Religion and Democracy. His articles have appeared in journals of law, ethics, theology, public policy and political theory, and his academic books include *The Resurrection of Nature: Political Theory and the Human Character* (Cornell University Press, 1986), *The Nearest Coast of Darkness: A Vindication of the Politics of Virtues* (Cornell University Press, 1988), *True Tolerance: Liberalism and the Necessity of Judgment* (Transaction, 1992), *Written on the Heart: The Case for Natural Law* (InterVarsity Press, 1997), *The Revenge of Conscience: Politics and the Fall of Man* (Spence, 1999), and *What We Can't Not Know: A Guide* (Spence, 2003).

William A. Dembski is the Carl F. H. Henry Professor of Theology and Science at Southern Baptist Theological Seminary in Louisville where he directs the seminary's Center for Science and Theology. He is also a senior fellow with Discovery Institute's Center for Science and Culture in Seattle. A mathematician and philosopher, Dembski previously directed Baylor University's Michael Polanyi Center. He has done postdoctoral work in mathematics at MIT, in physics at the University of Chicago, and in computer science at Princeton University. He has been awarded Templeton and NSF research grants. A graduate of the University of Illinois at Chicago, where he earned a B.A.





in psychology, an M.S. in statistics and a Ph.D. in philosophy, he also received a doctorate in mathematics from the University of Chicago in 1988 and a master of divinity degree from Princeton Theological Seminary in 1996. Dembski has published articles in mathematics, philosophy and theology journals and is the author or editor of ten books. In *The Design Inference: Eliminating Chance Through Small Probabilities* (Cambridge University Press, 1998), he examines the design argument in a post-Darwinian context and analyzes the connections linking chance, probability and intelligent causation.

Phillip E. Johnson is the Jefferson Peyser Emeritus Professor of Law at the University of California, Berkeley. Professor Johnson is a well-known speaker and writer on the philosophical significance of Darwinism. His books on this topic include *Darwin on Trial*, *Reason in the Balance*, *Defeating Darwinism by Opening Minds*, *The Wedge of Truth* and *The Right Questions* (all by InterVarsity Press). After completing his law degree at the University of Chicago, Johnson was a law clerk for Chief Justice Earl Warren of the United States Supreme Court. Johnson taught law for over thirty years at the University of California, Berkeley. He is the author of two widely used textbooks on criminal law: *Criminal Law: Cases, Materials, and Text*, 6th ed. (West, 2000) and *Cases and Materials on Criminal Procedure*, 3rd ed. (West, 2000). Johnson entered the evolution controversy because he found the books defending Darwinism dogmatic and unconvincing. Professor Johnson is an adviser to Discovery Institute's Center for Science and Culture.

David J. Keller received his Ph.D. in (bio)physical chemistry at the University of California, Berkeley, for research on the physical chemistry of DNA and the theory of circularly polarized light scattering. He was awarded an NIH postdoctoral fellowship at Stanford University for work on the theory of phase transitions in lipid membranes. He is currently associate professor of chemistry at the University of New Mexico, where his research focuses on understanding biological molecular machines, especially DNA polymerases and reverse transcriptases. He is the author of over fifty scientific articles and papers on topics ranging from the theory of molecular machines to atomic force microscopy to quantum light scattering.

Stephen C. Meyer is senior research fellow at the Discovery Institute (Se-

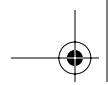




attle) and director of Discovery Institute's Center for Science and Culture. Formerly a geophysicist with the Atlantic Richfield Company, Meyer completed a Ph.D. dissertation in history and philosophy of Science at Cambridge University on origin-of-life biology and the methodology of the historical sciences. He has contributed to several scholarly books and anthologies, including *The History of Science and Religion in the Western Tradition: An Encyclopedia*; *Darwinism: Science or Philosophy*; *Of Pandas and People: The Central Question in Biological Origins*; *The Creation Hypothesis: Scientific Evidence for an Intelligent Designer*; *Mere Creation: Science, Faith & Intelligent Design*; and *Facets of Faith and Science: Interpreting God's Action in the World*. Dr. Meyer has cowritten or edited two books: *Darwinism, Design, and Public Education* with Michigan State University Press and *Science and Evidence of Design in the Universe* (Ignatius, 2002). In addition to his technical articles on design, Meyer has written many editorial features in newspapers and magazines, including the *Wall Street Journal*, the *Los Angeles Times* and the *Chicago Tribune*. He has also appeared on national TV and radio programs such as *Technopolitics*, PBS's *Freedom Speaks*, CNBC's *Hardball with Chris Matthews* and National Public Radio's *Talk of the Nation*. He was the main content person for the video *Unlocking the Mystery of Life*. His article on the information problem in the Cambrian Explosion that appeared in the *Proceedings of the Biological Society of Washington* in 2004 created an international sensation.

Scott A. Minnich is a microbiology professor at the University of Idaho. He received his Ph.D. in microbiology at Iowa State University, conducting studies on the rapid diagnostic methods for detection of bacteria. He pursued postdoctoral studies at Purdue and Princeton universities in molecular genetics and molecular biology. Dr. Minnich's research is centered on the genetics of flagellar biosynthesis and type III protein secretion in Gram-negative pathogens and novel strategies for vaccine production. Over the years he has published numerous peer-reviewed publications on these topics in such journals as the *Proceedings of the National Academy of Sciences*, *Journal of Molecular Biology*, *Journal of Bacteriology* and *Molecular Microbiology*. From October 2003 to May 2004, Scott Minnich served in Iraq as a subject matter expert with the Iraq Survey Group WMD Inspection Team.

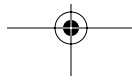
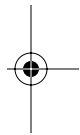
Paul Nelson is a philosopher of biology who received his Ph.D. from the



University of Chicago (1998), where he specialized in the philosophy of biology and evolutionary theory. He is currently a Fellow of the Discovery Institute, and adjunct professor in the M.A. program in science and religion, Biola University. Paul's articles have appeared in *Biology & Philosophy*, *Zygon*, *Rhetoric and Public Affairs* and *Touchstone*, and chapters in the anthologies *Mere Creation*, *Signs of Intelligence*, *Intelligent Design Creationism and Its Critics*, and *Darwin, Design, and Public Education*. His forthcoming monograph, *On Common Descent*, critically evaluates the theory of common descent. Paul is a member of the Society for Developmental Biology (SDB) and the International Society for the History, Philosophy and Social Studies of Biology (ISHPSSB).

Nancy R. Pearcey is the Francis A. Schaeffer Scholar at the World Journalism Institute, a visiting scholar at Biola University's Torrey Honors Institute and a senior fellow at the Discovery Institute. She studied under Schaeffer at L'Abri Fellowship in Switzerland and went on to earn a master's degree from Covenant Theological Seminary, followed by graduate work in history of philosophy at the Institute for Christian Studies in Toronto. A frequent lecturer, Pearcey has spoken to actors and screenwriters in Hollywood; at universities such as Dartmouth, Stanford, USC and Princeton; at national labs like Sandia and Los Alamos; in Congress and the White House; and for political organizations. She has been writing on science and Christian worldview since 1977. In 1991, she became the founding editor of *BreakPoint*, a daily syndicated radio commentary program hosted and voiced by Chuck Colson, and was executive editor of the program for nearly nine years. During the same period, she served as policy director and senior fellow of the Wilberforce Forum, and coauthored a monthly column in *Christianity Today*. Her articles have appeared in *The Washington Times*, *Human Events*, *First Things*, *Books & Culture*, *World*, *The Human Life Review*, *Christianity Today* and the *Regent University Law Review*. She has authored or contributed to several books, including the ECPA Gold Medallion winner *How Now Shall We Live?* and, most recently, *Total Truth: Liberating Christianity from Its Cultural Captivity*, which was featured on C-SPAN, received an award of merit in the Christianity Today 2005 Book Awards and won an ECPA Gold Medallion Award.

John Mark Reynolds is the founder and director of the Torrey Honors In-

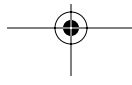


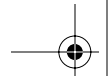


stitute, and associate professor of philosophy, at Biola University. (He has also taught philosophy at Roberts Wesleyan College, Whitworth College and Saint John Fisher College.) In 1996 he received his Ph.D. in philosophy from the University of Rochester, where he wrote a dissertation analyzing the cosmology and psychology found in Plato's *Timaeus*. A revised version of his dissertation "Toward a Unified Platonic Psychology" is published by the University Press of America. His first book, *Maker of Heaven and Earth: Three Views on the Creation and Evolution Debate*, was coedited with J. P. Moreland. He has written several technical articles in philosophy of religion and several semipopular articles in journals such as the *New Oxford Review* and *Touchstone*. Dr. Reynolds lectures frequently on ancient philosophy, philosophy of science, home schooling and cultural trends. He is a fellow of the Discovery Institute's Center for Science and Culture.

Jay Wesley Richards holds a Ph.D. in philosophy and theology from Princeton Theological Seminary, where he was formerly a teaching fellow. His masters thesis (Th.M., Calvin Theological Seminary) treated the philosopher of science Michael Polanyi. From 1996-1998, he was executive editor of *The Princeton Theological Review* and president of the Charles Hodge Society at Princeton Theological Seminary. He has published in academic journals such as *Religious Studies*, *Christian Scholars' Review*, *The Heythrop Journal*, *Encounter*, *The Princeton Theological Review*, *Perspectives on Science and the Christian Faith* as well as editorial features in *The Washington Post*, *Seattle Post-Intelligencer* and *IntellectualCapital.com*. He is coeditor, with William Dembski, of *Unapologetic Apologetics: Meeting the Challenges of Theological Studies* (InterVarsity Press, 2001), and coeditor, with George Gilder, of *Are We Spiritual Machines? Ray Kurzweil vs. the Critics of Strong AI* (Discovery Institute Press, 2002). He is also author of *The Untamed God: A Philosophical Exploration of Divine Perfection, Immutability, and Simplicity* (InterVarsity Press, 2003) and coauthor, with astronomer Guillermo Gonzalez, of *The Privileged Planet: How Our Place in the Cosmos Is Designed for Discovery* (Regnery, 2004). He is vice president of Discovery Institute and senior fellow with its Center for Science and Culture.

Marcus R. Ross is assistant professor of geology and assistant director of creation studies at Liberty University. He is currently completing a Ph.D. in geoscience from the University of Rhode Island, where his research focuses

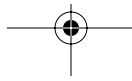


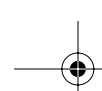


on analyzing the biostratigraphy and extinction of mosasaurs, a group of Late Cretaceous marine reptiles. He received an M.S. in paleontology at the South Dakota School of Mines and Technology, and a B.S. in earth science from Pennsylvania State University. His work has been published in *North-eastern Geology and Environmental Science*, *Journal of Geoscience Education* and the anthology *Darwinism, Design, and Public Education*. He has given presentations at the Geological Society of America, the Society of Vertebrate Paleontology and the American Scientific Affiliation. He and his wife, Corrina, live in Lynchburg, Virginia.

Michael Ruse is Lucyle T. Werkmeister Professor of Philosophy at Florida State University. He received his B.A. in philosophy and mathematics from Bristol University, an M.A. in philosophy from McMaster University and his Ph.D. from Bristol University. He was full professor of philosophy at Guelph from 1974 to 2000. Dr. Ruse is a Fellow of the Royal Society of Canada and of the American Association for the Advancement of Science. He has received numerous visiting professorships, fellowships and grants. Ruse's many publications include *The Philosophy of Biology*, *Sociobiology: Sense or Nonsense?* *The Darwinian Revolution: Science Red in Tooth and Claw*, *Darwinism Defended: A Guide to the Evolution Controversies*, *Taking Darwin Seriously: A Naturalistic Approach to Philosophy*, *But Is It Science? The Philosophical Question in the Evolution/Creation Controversy*, and he edited *The Philosophy of Biology*. His most recent works include *Can a Darwinian Be a Christian? The Relationship Between Science and Religion* (2000) and *Darwin and Design: Does Evolution Have a Purpose?* (2003). Dr. Ruse is also on the editorial board for major journals such as *Zygon*, *Philosophy of Science* and *Quarterly Review of Biology*. On a more public level, Ruse has appeared on television programs, including *Firing Line*, and was a witness for the ACLU in the 1981 Arkansas hearings which overturned a creation science law.

Henry F. Schaefer III, was professor of chemistry at the University of California, Berkeley, for eighteen years. Since 1987 he has been the Graham Perdue Professor of Chemistry and director of the Center for Computational Quantum Chemistry at the University of Georgia. Schaefer is the author of more than one thousand scientific publications, the majority appearing in the *Journal of Chemical Physics* or the *Journal of the American Chemical*

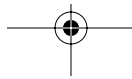
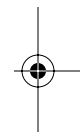


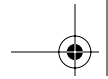


Society. He has been the research director of seventy-three successful doctoral students and has presented plenary lectures at more than 125 national or international scientific conferences. He is the editor in chief of *Molecular Physics* and president of the World Association of Theoretically Oriented Chemists. His major awards include the American Chemical Society Award in Pure Chemistry (1979), the American Chemical Society Leo Hendrik Baekeland Award (1983), and the Centenary Medal of the Royal Society of Chemistry (London 1992). The science citation index shows that Professor Schaefer is one of the most widely cited chemists in the world. His research involves the use of state-of-the-art computational hardware and theoretical methods to solve important problems in molecular quantum mechanics. The *U.S. News and World Report* cover story of December 23, 1991, describes Schaefer as a "five-time nominee for the Nobel Prize." Professor Schaefer is a fellow of the Discovery Institute's Center for Science and Culture.

Timothy G. Standish earned a Ph.D. in environmental biology and public policy from George Mason University, where he studied application of molecular techniques to the identification and classification of nematode worms. As an educator, Standish has taught in colleges and universities in the United States, South Africa, Austria and the Philippines. He has also taught public high school science classes in the United States and currently works closely with science teachers in Christian secondary and tertiary schools. His publications cover topics ranging from the molecular basis of behavior in crickets to intelligent design and public policy. In addition, he has authored many academic and popular papers dealing with faith and science. Interactions between science, faith and public policy are his primary interest at present. Dr. Standish is an active member of his church and holds a research appointment at the Geoscience Research Institute in Loma Linda, California.

Jonathan Wells has a Ph.D. in theology from Yale University (1986) and a Ph.D. in biology from the University of California, Berkeley (1994). He has worked as a postdoctoral research biologist at the University of California, Berkeley, and the supervisor of a medical laboratory in Fairfield, California, and he has taught biology at California State University, Hayward. In 1998 he moved with his family to Seattle to be a full-time senior fellow at the Discovery Institute's Center for Science and Culture. Dr. Wells has published ar-





ticles in *Development*, *Proceedings of the National Academy of Sciences USA*, *BioSystems*, *The Scientist* and *The American Biology Teacher*. He is also author of *Charles Hodge's Critique of Darwinism* (Edwin Mellen, 1988) and *Icons of Evolution: Why Much of What We Teach about Evolution Is Wrong* (Regnery, 2000). Dr. Wells is currently working on a book criticizing the overemphasis on genes in biology and medicine.

Thomas Woodward is an associate professor of communication, science and theology at Trinity College of Florida in Tampa, and is the founder and president of the C. S. Lewis Society, housed at Trinity College. The C. S. Lewis Society organizes university-based lectures, debates and symposia on the interface between science, philosophy, history and theology. He received his Ph.D. in communication at the University of South Florida, with an emphasis in the rhetoric of science. His dissertation, a rhetorical history of design and its critics, titled *Aroused from Dogmatic Slumber*, was reworked and published as *Doubts About Darwin: A History of Intelligent Design* in 2003 by Baker. This book received *Christianity Today's* 2004 Book Award for Christianity and Culture. He is also coeditor, with James Gills, M.D., of *Darwinism Under the Microscope* (Strang Communications, 2002). He has published a number of articles on Darwinism and the challenge of ID theory and is a frequent lecturer in universities on the topic. He also has an A.B. from Princeton University in history and Latin American studies, and a Th.M. from Dallas Theological Seminary where he received the Lorraine Chafer Award.

