

Contact: Mary Ann Meyers, Ph.D., Senior Fellow

Purpose

Relatively free r than acts seen as less free? How might consciousness influence behavior? What are the beneficial functions and uses of consciousness? And how does consciousness produce these benefits?

A particular focus is on social reality, that is, those things that exist by virtue of agreements among people, and on interpersonal processes. How do they help us understand the value and importance of human freedom and of consciousness? Of specific interest are the social and interpersonal causes and consequences of free action, such as, amongst others,

behavior and decision-making in economic marketplaces. The conversation seeks to elicit how mental facilities like consciousness and free will may be useful for enabling people to interact with each other and to participate in human social systems such as culture. The



discussants, seven scientists and five philosophers, will investigate the broad implications of the ability to choose alternative actions for understanding human nature.

By considering "how" questions, the goal is to identify key research themes that will advance the discussion beyond ideology and are of significance not only to the individual participants but also to their research traditions and to a wider public. The often debated "whether" questions (i.e., whether consciousness can 'do' anything at all and whether any action is free in any sense) are not likely to be decided to everyone's satisfaction in the near future, but if, in the long run, affirmative answers are accepted by the broader intellectual community, the work and thought at this symposium in asking—If those things are real, how do they work?—can be ready and waiting to be put to use. The conversation on an Atlantic Ocean island off the coast of northeast Florida takes place under the aegis of the John Templeton Foundation.



Approach

he symposium is part of the Templeton Foundation's *Humble Approach Initiative*. The goal of the initiative is to bring about the discovery of new spiritual information by furthering high-quality scientific research. The "humble approach" is inherently interdisciplinary, sensitive to nuance, and biased in favor of building linkages and connections. It assumes an openness to new ideas and a willingness to experiment. Placing high value upon patience and perseverance, it retains a sense of wondering expectation because it recognizes, in Loren Eisley's haunting phrase, "a constant emergent novelty in nature that does not lie totally behind us, or we would not be where we are." A fundamental principle of the Foundation, in the words of its founder, is that "humility is a gateway to greater understanding and open[s] the doors to progress" in all endeavors. Sir John Templeton believes that in their quest to comprehend foundational realities, scientists, philosophers, and theologians have much to learn about and from one another. The humble approach is intended as a corrective to parochialism. It encourages discovery and seeks to accelerate its pace.



Chair

The Eppes Eminent Professor of Psychology at Florida State University, **Roy F. Baumeister** is internationally known for his research in social psychology that spans topics ranging from the human need to belong and the effects of rejection to how people seek to make their lives meaningful, the interpersonal consequences of forgiveness, and the physiology of willpower. Ongoing studies also include work related to the psychology of choosing, particularly the role of conscious processes in decisionmaking, and investigations of self-destructive behavior that shows the limits of human rationality. A summa cum laude graduate of Princeton University, Dr. Baumeister did graduate work at the University of Heidelberg, took a M.A. in psychology at Duke University, and received his Ph.D. in experimental social psychology from Princeton in 1978. After holding a National Institute of Mental Health postdoctoral fellowship at the University of California, Berkeley, where he studied personality and social structure, he joined the psychology faculty at Case Western Reserve University as an assistant professor in 1979. He was named a full professor a decade later and awarded the E. Smith Professorship in the Liberal Arts in 1992, a post he held until accepting his present chair at Florida State in 2003. Dr. Baumeister has been a visiting associate professor at the University of Texas at Austin, a visiting professor at the Max Planck Institute in Munich and at the University of Virginia, and a fellow at the Center for Advanced Study in the Behavioral Sciences in Stanford. His research has been supported by the National Institute of Mental Health and the John Templeton Foundation. An elected fellow of the Society for Personality and Social Psychology, he is a co-recipient of a 2004 Mensa Award for Excellence in Research and the winner of a 2007 Distinguished Service Award given by the Society for Personality and Social Psychology. He formerly served as editor of Psychological Inquiry, as co-editor of Dialogue, and as guest editor of a special issue of the Review of General Psychology. The author of some 190 articles published in major academic journals and more than ninety chapters in volumes of collected works, Dr. Baumeister is the co-editor (with Kathleen D. Vohs) of Sage's 2007 Encyclopedia of Social Psychology, and the editor or co-editor of eight books, including, most recently, (with Kathleen D. Vohs and George F. Loewenstein), Do Emotions Help or Hurt Decision Making? A Hedgefoxian Perspective, which was published last year by the Russell Sage Foundation, and (with John Baer and James Kaufmann) Are We Free?



Wrestlers, A detail of a Greek relief from the base of a Kouros. National Archaeological Museum, Athens, Greece.

Nimatallah / Art Resource, NY

Psychology and Free Will, which was published in January by Oxford University Press. He is the co-author or author of twelve books, including *The Cultural Animal: Human Nature, Meaning, and Social Life* (2005) in which he argues that culture shaped human evolution and that nature selected individual human beings to be part of society, and a new textbook (with B. J. Bushman), *Social Psychology and Human Nature*, which was published last year by Wadsworth.



Timothy Bayne

James J. Blascovich Stephanie M. Carlson Merlin W. Donald Alfred R. Mele Jordan B. Peterson David A. Pizarro Adina Roskies Jonathan W. Schooler John R. Searle Kathleen D. Vohs **Timothy Bayne** is a lecturer in philosophy of mind at Oxford University and a fellow at St. Catherine's College, Oxford. His research and writing is mainly on the philosophy of cognitive science, with a particular focus on consciousness. Other interests include philosophical psychopathology. An honors graduate of the University of Otago in New Zealand, he went on to study at the University of Notre Dame on a Fulbright Scholarship and earned a Ph.D. in philosophy at the University of Arizona in 2002. Dr. Bayne held a post-doctoral fellowship at The Australian National University and began his teaching career as a lecturer in philosophy at Macquarie University in Sydney. He has served as a visiting professor at the Ecole Normale Supérieure and Institut Jean Nicod in Paris and accepted his present position last year. The former executive editor of *Psyche*, he is author of some thirty-five articles published in academic journals and chapters in volumes of collected works. He is the co-editor (with Axel Cleeremans and Patrick Wilken) of the forthcoming Oxford Companion to Consciousness and (with Jordi Fernandez) of Delusions and Self-Deceptions: Affective Influences on Belief Formation, which will be published this year by Psychology Press. In a forthcoming monograph, The Unity of Consciousness, which also will be published by Oxford University Press, Dr. Bayne explores the implications that the phenomenon of experiencing perceptions, not as differentiated bundles of things but as aspects of a single conscious experience, have for theories of consciousness.



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behavior and decision-making in economic marketplaces. The conversation seeks to elicit how mental facilities like consciousness and free will may be useful for enabling people to interact with each other and to participate in human social systems such as culture. The



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Timothy Bayne James J. Blascovich Stephanie M. Carlson Merlin W. Donald Alfred R. Mele Jordan B. Peterson David A. Pizarro Adina Roskies Jonathan W. Schooler John R. Searle Kathleen D. Vohs Professor of psychology at the University of California, Santa Barbara (UCSB), James J. Blascovich is the co-founding director of the university's Research Center for Virtual Environments where he investigates social influences and social interaction within technologically mediated environments. In addition, he has developed the biopsychological model of challenge and threat and validated patterns of cardiovascular responses as markers of these motivational states. Dr. Blascovich uses his model to explain and test motivational aspects of social phenomena, including intra-individual processes such as stigma, stereotypes, social comparison, and social facilitation, and behavioral outcomes such as performance. His work has contributed to our understanding of social psychophysiological processes, social behavior in virtual environments, group dynamics, non-verbal communication, and leadership among other social processes. A graduate of Loyola University in Chicago, he earned his Ph.D. in psychology at the University of Nevada in 1972. He began his teaching career there and, in 1973, moved on to Marquette University as an assistant professor of psychology. He was promoted to associate professor in 1977. Three years later, he joined the faculty of the State University of New York at Buffalo where he held appointments in psychology, family medicine, and health behavioral sciences and was named a full professor of psychology in 1993. He served as founding director of Buffalo's Center for the Study of Behavioral and Social Aspects of Health for six years. In 1995, he was named to his present position at UCSB. Dr. Blascovich has been an Erskine Fellow at the University of Canterbury in Christchurch, New Zealand, and an Australasian Social Psychology/Society for Personality and Social Psychology Visiting Teaching Fellow at Macquarie University in Sydney. His research has been supported by the National Science Foundation, the National Human Genome Research Institute, the National Institutes of Health, and the Mind Science Foundation among other funders. He chaired the recent National Academy of Science/National Research Council Committee on priorities for basic behavioral and social sciences research for the military and serves as a member of the NAS/NRC Committee on Military Intelligence Methodology for Emergent Neurophysiological and Cognitive/Neural Science Research in the Next Two Decades. A charter fellow of the American Psychological Society, a fellow of the American Psychological Association, and an elected member of the Academy of

Behavioral Medicine Research, he is president and a member of the board of the Foundation for Personality and Social Psychology and has been president of the Society for Experimental Social Psychology and of the Society for Personality and Social Psychology (SPSP). He is the recipient of the 2007 Gordon Allport Intergroup Relations Prize from the Society for the Psychological Study of Social Issues, a Tom Slick Research Award from the Mind Science Foundation, a 2006 Spielberger EMPathy Symposium Leadership Award from the American Psychological Foundation, SPSP's Distinguished Service Award, and the UCSB's Chancellor's Award for Excellence in Mentoring Undergraduate Research. Presently a member of the editorial boards of Psychological Science, Media Psychology, Psychological Inquiry, and Presence, Teleoperators and Virtual Environments, Dr. Blascovich was formerly an associate editor of the Personality and Social Psychology Bulletin, co-editor of a special issue on social psychophysiology of the Journal of Social and Clinical Psychology, and guest editor of Emotion. He is the author or co-author of more than 120 articles in academic journals and chapters in volumes of collected works as well as the co-editor of three books, including (with E.S. Katkin) Cardiovascular Reactivity to Psychological Stress and Disease (1993), (with Stephen E. Feinberg and Paul Stern) The Polygraph and Lie Detection (2002), and (with Christine R. Hartel) Human Behavior in Military Contexts, which was published by the National Academies Press last year.



Timothy Bayne James J. Blascovich **Stephanie M. Carlson** Merlin W. Donald Alfred R. Mele Jordan B. Peterson David A. Pizarro Adina Roskies Jonathan W. Schooler John R. Searle Kathleen D. Vohs **Stephanie M. Carlson** is an associate professor of developmental psychology at the University of Minnesota's Institute of Child Development and a member of the faculty of Minnesota's Center for Neurobehavioral Development. Her research focuses on selfcontrol (executive function) in childhood and self-regulatory processes in cognitive and social development as well as social cognition, including theory of mind, and symbol systems, particularly pretend play and language. She is a graduate of Bucknell University and of the University of Oregon, where she took a Ph.D. in psychology in 1997. After completing a post-doctoral fellowship in cognitive neuroscience at Oregon, Dr. Carlson was appointed an assistant professor of psychology at the University of Washington in 1998. She was promoted to associate professor in 2005 and accepted her present position at Minnesota two years later. Her research has been supported by the National Institutes of Health as well as the universities of Oregon and Washington. A member of Sigma Xi, Dr. Carlson is the recipient of a University of Washington Junior Faculty Development Award. She currently serves on the board of the Jean Piaget Society. A member of the editorial board of *Developmental Psychology*, she previously served as consulting editor to Monographs of the Society for Research in Child Development. She is the author or co-author of some thirty articles published in academic journals and is currently working (with Philip D. Zelazo and Ulrich Mueller) on a book, Self-Control and the Developing Brain, which will be published by Psychology Press/LEA, Taylor & Francis.



Timothy Bayne James J. Blascovich Stephanie M. Carlson **Merlin W. Donald** Alfred R. Mele Jordan B. Peterson David A. Pizarro Adina Roskies Jonathan W. Schooler John R. Searle Kathleen D. Vohs Professor emeritus of psychology and education at Queen's University in Kingston, Ontario, Canada, and adjunct professor of cognitive science at Case Western Reserve University, Merlin W. Donald is widely known for his theoretical work on human cognitive origins. He has recently focused on the changing "cognitive ecology" of hi-tech civilizations. A graduate of Loyola College in Montreal, he has an M.A. in psychology from the University of Ottawa and a Ph.D. in neuropsychology from McGill University. After completing a National Research Council post-doctoral fellowship in the West Haven Veterans Administration Hospital in West Haven, Connecticut, he joined the neurology department of the Yale School of Medicine as an assistant professor in 1970. He returned to Canada two years later to accept an appointment as an assistant professor of psychology at Queen's University and was named a professor in 1982. In 2005, he joined the Case Western Reserve faculty as professor and founding chair of the new department of cognitive science, a post he held until his retirement last year. Dr. Donald has been an honorary research fellow at University College, London, a visiting scholar at the University of California, San Diego, and at Harvard University, a senior scholar and a visiting scholar at Stanford University, a visitor at the Center for Advanced Study in the Behavioral Sciences in Stanford, and a visiting professor at the Center for Semiotic Research at Aarhus University in Denmark. A former Killam Research Fellow of the Canada Council, he is a fellow of the Canadian Psychological Association, of the Royal Society of Canada, and of the World Academy of Art and Science. He is the author or co-author of more than seventy articles in scientific journals and of two major books, Origins of the Modern Mind: Three Stages in the Evolution of Culture and Cognition (1991, 1993) and A Mind So Rare: The Evolution of Human Consciousness, which was published by W. W. Norton in 2001. Dr. Donald is also a published poet.



Timothy Bayne James J. Blascovich Stephanie M. Carlson Merlin W. Donald **Alfred R. Mele** Jordan B. Peterson David A. Pizarro Adina Roskies Jonathan W. Schooler John R. Searle Kathleen D. Vohs Alfred R. Mele is the William H. and Lucyle T. Werkmeister Professor of Philosophy at Florida State University. He has made significant contributions to action theory and attempts to understand autonomy, free will, rationality, and akrasia for more than two decades. A magna cum laude graduate of Wayne State University, Dr. Mele earned a Ph.D. in philosophy at the University of Michigan, where he was a teaching fellow, in 1979. He then joined the philosophy faculty of Davidson College as an assistant professor and was promoted to full professor in 1991. Named Vail Professor of Philosophy at Davidson in 1995, he accepted his present position in 2000. Dr. Mele is the recipient of the 1982 Richard M. Griffith Memorial Award in Philosophy, six National Endowment for the Humanities (NEH) fellowships, a National Humanities Center Fellowship, the Centenary Fellowship of the Scots Philosophy Club, and a Florida State University Graduate Teaching Award. He has held grants from the Andrew W. Mellon and the Alfred P. Sloan foundations. A former president of the North Carolina Philosophical Society, he is a member of the boards of editorial consultants of the American Philosophical Quarterly and Philosophical Studies, the advisory board of Consciousness & Emotion, and the editorial board of Ethical Theory and Moral Practice. He is the author of some 150 articles published in scholarly journals, the editor or co-editor of four books, including (with Mark Timmons and John Greco) Rationality and the Good, which was published last year by Oxford University Press. Dr. Mele is also the author of six other books, including Irrationality: An Essay on Akrasia, Self-Deception, and Self-Control (1987), Springs of Action: Understanding Intentional Behavior (1992), Autonomous Agents: From Self-Control to Autonomy (1995), Self-Deception Unmasked (2001), Motivation and Agency (2003), and, most recently, Free Will and Luck, which tackles the major theoretical challenges to the thesis that we sometimes act freely and was published by Oxford University Press in 2006. He is currently working on a new volume entitled Effective Intentions: The Power of Conscious Will.



Timothy Bayne James J. Blascovich Stephanie M. Carlson Merlin W. Donald Alfred R. Mele **Jordan B. Peterson** David A. Pizarro Adina Roskies Jonathan W. Schooler John R. Searle Kathleen D. Vohs An associate professor of psychology at the University of Toronto, Jordan B. Peterson is a clinical psychologist whose current research is devoted to personality assessment and the prediction of creativity and of academic and industrial performance. He also does experimental and theoretical work on self-deception, neuropsychology, alcoholism and drug abuse, motivation for social conflict, and the psychology of mythology and religion. A graduate of the University of Alberta, Dr. Peterson earned a Ph.D. in psychology at McGill University in 1991. He was a post-doctoral fellow at McGill's Douglas Hospital before joining the psychology faculty of Harvard University in 1993. He was promoted to associate professor and then, in 1997, moved on to the University of Toronto. He was named to his present position in 2000. His work has been supported by the Social Sciences and Humanities and the Natural Sciences and Engineering Research Councils of Canada and the Rotman Business School Center for Integrative Thinking. While at Harvard, he was nominated for the Levenson Teaching Prize, and each year from 2005-2008, TV Ontario has cited him as one of Ontario's best university lecturers. Dr. Peterson is a frequent commentator on Canadian current affairs programs and serves on the editorial boards of several psychology journals. He also acts as a business consultant, working as an executive coach for senior partners of large law firms in Toronto, in addition to his clinical practice, and is the vice president of a neuropsychological assessment company, Examcorp.com. The author or co-author of more than sixty articles published in academic journals, he is the author of Maps of Meaning: The Architecture of Belief, which was published by Routledge in 1999 and was made into a thirteen-part televised lecture series on TV Ontario. He is presently working on a new book about brain function and the nature of experience.



Timothy Bayne James J. Blascovich Stephanie M. Carlson Merlin W. Donald Alfred R. Mele Jordan B. Peterson **David A. Pizarro** Adina Roskies Jonathan W. Schooler John R. Searle Kathleen D. Vohs **David A. Pizarro**, an assistant professor of psychology at Cornell University, writes about moral judgment, particularly moral intuitions, as well as about the impact of emotional states on thinking and decision-making. He was born in Argentina and graduated *cum laude* from Pacific Union College in Angwin, California. Going on to study social psychology at Yale University, where he held a University Fellowship, he took a Ph.D. in 2002. Dr. Pizarro was a post-doctoral fellow at the University of California at Irvine and an instructor of psychology there before accepting his present position in 2006. The recipient of a traveling fellowship awarded by the Society for Personality and Social Psychology and a summer fellowship from the Center for Advanced Study in the Behavioral Sciences, he is the author or co-author of more than twenty articles published in academic journals and chapters in volumes of collected works.



Timothy Bayne James J. Blascovich Stephanie M. Carlson Merlin W. Donald Alfred R. Mele Jordan B. Peterson David A. Pizarro **Adina Roskies** Jonathan W. Schooler John R. Searle Kathleen D. Vohs An assistant professor of philosophy at Dartmouth College, Adina Roskies has pursued a career in both philosophy and neuroscience. Her research and writing has focused on philosophy of mind, philosophy of science, and ethics, including neuroethics. A summa cum laude graduate of Yale University, she concurrently earned master's degrees in philosophy and in neuroscience at the University of California, San Diego, where she received a Ph.D. in neuroscience and cognitive science in 1995. She did a postdoctoral fellowship in cognitive neuroimaging at Washington University, using positron emission tomography and the then newly developing technique of functional MRI. After serving two years as senior editor of *Neuron*, she went on to take a Ph.D. in philosophy at the Massachusetts Institute of Technology in 2004. Dr. Roskies joined the Dartmouth faculty in the fall of 2004. She has been a visiting fellow in philosophy at the Australian National University and the University of Sydney. Her work has been supported by grants and fellowships from the National Institutes of Health and the McDonnell-Pew Foundation. She is a project fellow on the MacArthur Law and Neuroscience Project. Dr. Roskies is the author of some thirty articles published in academic journals. For one on neuroethics, which was published in *Philosophical Psychology* in 2003, she was awarded the William James Prize by the Society of Philosophy and Psychology.



Timothy Bayne James J. Blascovich Stephanie M. Carlson Merlin W. Donald Alfred R. Mele Jordan B. Peterson David A. Pizarro Adina Roskies Jonathan W. Schooler John R. Searle Kathleen D. Vohs Jonathan W. Schooler, professor of psychology at the University of California, Santa Barbara, pursues research on consciousness, memory, the relationship between language and thought, problem-solving, and decision-making. Currently, he is particularly interested in exploring phenomena that intersect between the empirical and the philosophical such as how fluctuations in people's awareness of their experience mediate mind-wandering and how exposing individuals to philosophical positions alters their behavior. A cum laude graduate of Hamilton College where he was elected to Sigma Xi, he earned a Ph.D. in psychology at the University of Washington in 1987. Dr. Schooler joined the psychology faculty of the University of Pittsburgh as an assistant professor that same year and became a research scientist at Pittsburgh's Learning Research and Development Center. Named a full professor in 2001, he moved on to the University of British Columbia (UBC) in 2004 as professor of psychology, holder of a Canada Research Chair in Social Cognitive Science, and senior investigator at UBC's Brain Research Centre. He accepted his present position last year. Dr. Schooler has been a visiting professor at the University of Virginia and a visiting scholar at the University of Washington. A fellow of the Association for Psychological Science, he has been the recipient of four Akumal Scholar Awards from the Positive Psychology Network, an Osher Fellowship given by the Exploratorium Science Museum in San Francisco, and a Lilly Foundation Teaching Fellowship. His work has been supported by the National Institute of Mental Health, the University of Pittsburgh, the Unilever Corporation, the Center for Consciousness Studies, the Office of Educational Research, the Canada Foundation for Innovation, Canada's Social Sciences and Humanities Research Council, the National Sciences and Engineering Research Council of Canada, the Canadian Institute for Health Research, the Bial Foundation, and the Bower Foundation. He currently is on the editorial boards of Consciousness and Cognition and Social Cognitive and Affective Neuroscience. Dr. Schooler is the author or co-author of more than one hundred papers published in scientific journals and the editor (with J.C. Cohen) of Scientific Approaches to Consciousness, which was published in 1997 by Lawrence Erlbaum.



Timothy Bayne James J. Blascovich Stephanie M. Carlson Merlin W. Donald Alfred R. Mele Jordan B. Peterson David A. Pizarro Adina Roskies Jonathan W. Schooler **John R. Searle** Kathleen D. Vohs The Slusser Professor of Philosophy at the University of California, Berkeley, John R. Searle is widely acclaimed for his contributions to the philosophy of language and the philosophy of mind as well as for his theory about the creation of social reality. The focus of much of his recent work has been on explaining how humans fit into a world described by the basic sciences. In his first book, Speech Acts (1969), which built on the foundation laid by his teacher J.L. Austin, he set out the hypothesis that "speaking a language is engaging in a rule-governed form of behavior" and commanded international attention for substantially advancing knowledge of the problems that had to be solved in an emerging philosophical field. He further developed his ideas about the fundamental characteristics of mind and the hard problem of consciousness in Intentionality (1983), The Rediscovery of Mind (1992), The Construction of Social Reality (1995), Mind, Language and Society: Philosophy in the Real World (1998), and Rationality in Action (2001), a quintet of hugely influential works that secured his reputation as a common-sense realist. Dr. Searle began his undergraduate career at the University of Wisconsin where he was elected to Phi Beta Kappa and was president of the student body. In his junior year, he won a Rhodes Scholarship to Oxford University where he studied at Christ Church College and graduated with first-class honors. He received a senior scholarship to continue his work at St. Anthony's College, was then appointed a lecturer in philosophy at Christ Church, and went on to earn a D.Phil. in philosophy at Oxford in 1959. Returning to the United States, he was appointed an assistant professor of philosophy at Berkeley and named a full professor in 1967. He has been a visiting professor at some two dozen universities in the United States, Europe, and South America and delivered numerous invited lectures in North and South America, Europe, and Asia. Dr. Searle holds honorary degrees from the University of Lugano, the University of Turin, the University of Bucharest, the University of Wisconsin, and Adelphi University. A fellow of the American Academy of Arts and Sciences and the European Academy of Science and Art, he formerly served on the governing council of the National Endowment for the Humanities, the boards of trustees of the National Humanities Council and the American Council of Learned Societies, and the steering committee for the President's Commission on The Decade of the Brain. He currently serves as a member of the Scholars' Council of the Library of Congress and of

the scientific board of the Vilem Mathesius Centre of Charles University (Prague). His many awards include the National Humanities Medal, Sweden's Puffendorf Medal, Italy's Mind and Brain Prize, Spain's Jovellanos Prize, France's Jean Nicod Prize, Korea's Tasan Award, the Homer Smith Award of New York University Medical School, two Fulbright Fellowships, and a Guggenheim Fellowship. Dr. Searle serves on the editorial boards of the Journal of Psycholinguistic Research, Linguistics and Philosophy, Harvard University Press's Cognitive Science Series, Philosophy and Artificial Intelligence, and the Journal of Consciousness Studies. A regular contributor to The New York Review of Books, he is the author of more than two hundred articles and fourteen books. His works have been translated into twenty-one languages. The most recent of his books are Mind: A Brief Introduction (2004) and Freedom and Neurobiology, which was published by Columbia University Press last year. The former is an exploration of the major issues in philosophy of mind that sets forth succinctly his view that both materialism and dualism are false. The latter, arguing that both consciousness and rationality are crucial to our existence and that they are the result of the biological evolution of our species, addresses the problem of free will and the problem of political power.



Timothy Bayne James J. Blascovich Stephanie M. Carlson Merlin W. Donald Alfred R. Mele Jordan B. Peterson David A. Pizarro Adina Roskies Jonathan W. Schooler John R. Searle **Kathleen D. Vohs** Kathleen D. Vohs is an assistant professor of marketing and McKnight Land-Grant Professor at the Carleton School of Management of the University of Minnesota. Her research is concerned with the psychological effects of being reminded of money, selfregulation, particularly in regards to impulsive spending and eating, making-choices, the fear and feeling of being duped, and self-escape behaviors. A summa cum laude graduate of Gustavus Adolphus College, she earned her Ph.D. in psychological and brain sciences at Dartmouth College in 2000. After post-doctoral fellowships at Case Western Reserve University and the University of Utah, she joined the faculty of the Sauder School of Business at the University of British Columbia in 2003 as an assistant professor of marketing and the holder of the Canada Research Chair in Marketing Science and Consumer Psychology. She accepted her present position in 2005. Dr. Vohs has been a summer scholar at the Center for Advanced Study in the Behavioral Sciences in Stanford and is the recipient of Dartmouth's Hannah T. Croasdale Graduate Study Award, the MENSA Award for Research in Excellence, and the SAGE Young Scholars Award given by Sage Publications and the Foundation for Personality and Social Psychology. Her research has been supported by the National Institute of Mental Health, the Social Sciences and Humanities Research Council of Canada, the Netherlands Organization for Scientific Research, the University of Minnesota, the Association for Consumer Research Funding, the American Cancer Society, and the National Institutes of Drug Abuse. She formerly served on the editorial board of the Personality and Social Psychology Bulletin and currently serves on the editorial boards of the Journal of Personality and Social Psychology and Compass. The author of some eighty-five articles published in scholarly journals or chapters in volumes of collected works, she is the coeditor (with Roy F. Baumeister) of Sage's 2007 Encyclopedia of Social Psychology and the co-editor of three books, including, most recently, (with Roy F. Baumeister and George F. Loewenstein), Do Emotions Help or Hurt Decision Making? A Hedgefoxian Perspective, which was published last year by the Russell Sage Foundation.