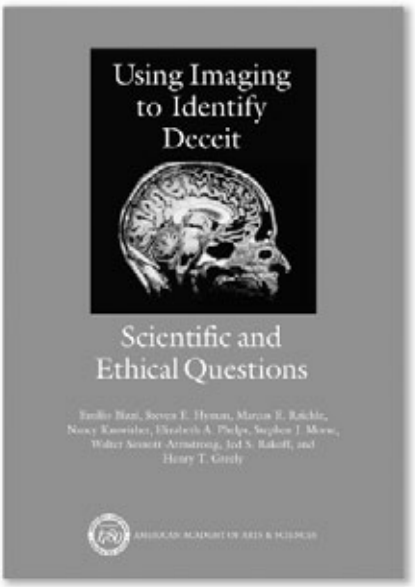
Academy Publications

New Occasional Papers

The Academy is pleased to announce the release of several new volumes in its Occasional Paper series.



Using Imaging to Identify Deceit: Scientific and Ethical Questions examines the scientific support for using functional magnetic resonance imaging (fMRI) to recognize deception. The essays, written by scholars of neuroscience, law, and philosophy, consider the legal and ethical concerns that emerge when machine-based means are employed to identify deceit. The contributors express a dim view of lie detection based on fMRI technology. As **Emilio Bizzi** (MIT) and **Steven E. Hyman** (Harvard University) state in the introduction, "Often in science when a new technique such as fMRI appears, the scientists who promote its use argue that, yes, problems exist but more research will in the end give us the magic bullet. Perhaps. In the case of lie detection through fMRI, however, the problems seem insurmountable." The volume's authors include **Emilio Bizzi** (MIT), **Steven E. Hyman** (Harvard University), **Marcus Raichle** (Washington University in St. Louis), **Nancy Kanwisher** (MIT), **Elizabeth A. Phelps** (New York University), **Stephen J. Morse** (University of Pennsylvania), **Walter Sinnott-Armstrong** (Dartmouth College), **Jed S. Rakoff** (United States District Court, Southern District of New York), and **Henry T. Greely** (Stanford University).

A collection on *Media, Business, and the Economy* explores how well the media inform the public about the economy and how that role can be improved. Economist **Alan Blinder** (Princeton University) investigates what Americans already know about economic policy, and how the media contribute to that understanding. Financial journalist **Jeffrey Madrick** (Schwartz Center for Economic Policy Analysis, The New School) describes the evolution of business journalism over the past 30-plus years. Former newspaper editor **Lou Ureneck** (Boston University) surveys the formal training programs in the United States that specialize in the preparation of newspeople for the finance and economy beat. This study, which draws from an earlier Academy project on *Corporate Responsibility in America*, was launched during a period of relative prosperity and stability in the world's financial markets. Today the global economy is far less settled, making the need for sound economic information even more crucial. The volume provides a better understanding of the role of a changing media amid a changing economy. The collection is available online at the Academy's website (http://www.amacad.org/projects/mediaBusiness.aspx).

Education and a Civil Society: Teaching Evidence-Based Decision Making explores evidence-based thinking in K-16 education. It is part of an Academy project that hypothesizes that citizens who value and know how to use evidence will be better prepared to participate in the democratic process as informed thinkers. The project proposes that the educational system of the United States should consider how to prepare young people more effectively for the kind of decision making that is required to understand change, to advocate, and to vote with knowledge about public policy. As the volume reveals, more work needs to be done in the schools, but determining what should be done and how to do it raises additional complex issues. The publication is intended to encourage further conversation about critical thinking and its importance. The authors in the collection include **Lee S. Shulman** (Carnegie Foundation for the Advancement of Teaching and Stanford University), **David N. Perkins** (Harvard Graduate School of Education), **Richard E. Nisbett** (University of Michigan), **Jerome Kagan** (Harvard University), **Eamonn Callan** (Stanford University), and **Tina Grotzer** (Harvard Graduate School of Education).

Online versions of *Using Imaging to Identify Deceit* and *Education and a Civil Society* are available on the Academy's website at http://www.amacad.org/publications/occasional.aspx. ■