- Reproval of Doctor" New York Times, August 3, 2. Rubin, R.T. Biol. Psychiatry 48, 954 (2000).
- Owens, M.J., Nemeroff, C.B. & Knight, D.L. Biol. Psychiatry 48, 955 (2000).

Petersen, M. "Undisclosed Financial Ties Prompt

- Carroll, B.J. Neuropsychopharmacology 411-412 (2002).
- Stout, S.C., Owens, M.J. & Nemeroff, C.B. Neuropsychopharmacology 26, 413-414 (2002).
- Hollander, E. et al. Neuropsychopharmacology 28, 1186-1197 (2003).
- Lenox, R.H. & Manji, H.K. in Textbook of Psychopharmacology 2<sup>nd</sup> edn. (eds. Schatzberg, A.F. & Nemeroff, C.B.) 379-429 (American Psychiatric Press, Washington, DC, 1998).
- Stoudemire, A. et al. Gen. Hosp. Psychiatry 20. 85-90 (1998).
- Belanoff, J.K. et al. J. Clin. Psychopharmacol. 21, 516-521 (2001).
- 10. Belanoff, J.K. et al. Biol. Psychiatry 52, 386-392 (2002).
- 11. Gold, P.W., Drevets, W.C. & Charney, D.S. Biol. Psychiatry 52, 381-385 (2002).

# To the editor:

We read with interest the recent article<sup>1</sup> in the New York Times reporting on undisclosed financial ties in a Nature Neuroscience review article on treatments for mood disorders<sup>2</sup>. According to the Times article, Nature's policy permitted the author of the review to remain silent about his patent and other significant financial interests in treatments praised in his review.

In February 2002, the Center for Science in the Public Interest and two dozen prominent scientists wrote a letter urging the Nature journals to strengthen their policies and procedures regarding conflicts of interest. A lengthy story<sup>3</sup> about the issues raised in that letter was published in the March 28, 2002 issue of Nature.

Among other things, that article pointed out that Nature's policy was weaker than a number of its peer publications. You will be interested to know that despite the fact that it was cited as having one of the strongest policies, The Proceedings of the National Academy of Sciences has taken additional steps to improve its policy<sup>4</sup>, by explicitly expanding the disclosure requirement to "all authors, members, referees, and editors"— be they authors of letters, review articles, or editorials. Particularly in light of the New York Times article, the undersigned urge you to revisit our recommendations and establish a more robust policy that requires (i) mandatory disclosure of conflicts of interest for all authors, referees, and editors, (ii) mandatory disclosure of all information regarding the specific contributions of authors, (iii) publication of those disclosures, and (iv) rejection of submissions where authors' conflicts are incompatible with integrity in science. Such a policy is a necessary safeguard against potential bias and would ensure that your readers have sufficient information to evaluate the studies, commentary, reviews, letters, and other statements made in the pages of the *Nature* journals.

- 1. Petersen, M. "Undisclosed Financial Ties Prompt Reproval of Doctor" New York Times. August 3, 2003.
- 2. Nemeroff, C.B. & Owens, M.J. Nat. Neurosci, 5 (Suppl.), 1068-1070 (2002).
- 3. van Kolfschooten, F. Nature 416, 360-363 (2002).
- 4. PNAS Online Information for Authors (http://www. pnas.org/misc/iforc.shtml#Editorial%20Policies).

#### Michael F Jacobson

Executive Director, Center for Science in the Public Interest, 1875 Connecticut Avenue NW #300, Washington, DC 20009, USA. e-mail: mjacobson@cspinet.org

### Virginia A Sharpe

Director, Project on Integrity in Science, Center for Science in the Public Interest, 1875 Connecticut Avenue NW #300, Washington, DC 20009, USA.

### On behalf of:

Marcia Angell, Senior Lecturer in Social Medicine, Harvard Medical School; Former Editor-in-Chief, New England Journal of Medicine

Nicholas A Ashford, Professor of Technology and Policy, Massachusetts Institute of Technology

Alan Blum, Professor and Endowed Chair in Family Medicine and Director, The University of Alabama Center for the Study of Tobacco and Society, University of Alabama; Former Editor-in-Chief, Medical Journal of Australia and New York State Journal of Medicine

Lin Kaatz Chary, Great Lakes Center for Occupational and Environmental Safety and Health, School of Public Health, University of Illinois at Chicago

Mildred Cho. Senior Research Scholar and Acting Co-Director, Stanford Center for Biomedical Ethics, Stanford University

Bruce C Coull, Carolina Distinguished Professor and Dean, School of the Environment. University of South Carolina

Devra Davis, Visiting Professor, Heinz School of Public Policy and Management, Carnegie Mellon University; Senior Advisor to the World Health Organization

Russell F Doolittle. Center for Molecular Genetics. University of California, San Diego

David Egilman, Clinical Associate Professor, Department of Community Health, Brown University

Samuel S Epstein, Professor Emeritus, Environmental & Occupational Medicine, School of Public Health, University of Illinois at Chicago; Chairman, Cancer Prevention Coalition

Morris Greenberg, London, England

Kim Hooper, Hazardous Materials Laboratory, Department of Toxic Substances Control, Cal/EPA

James Huff, Senior Investigator, National Institute of Environmental Health Sciences

Tushar K Joshi, Head, Centre for Occupational and Environmental Health, Lok Navak Hospital, New Delhi, India

Sheldon Krimsky, Professor, Department of Urban & Environmental Policy & Planning, Tufts University

Joseph LaDou, Department of Medicine, University of California School of Medicine, San Francisco

Charles Levenstein Professor of Work Environment University of Massachusetts, Lowell

Steven Miles, Professor of Medicine, Center for Bioethics, University of Minnesota

Herbert Needleman, Professor of Psychiatry and Pediatrics, University of Pittsburgh School of Medicine

Edmund D Pellegrino, Professor Emeritus of Medicine and Medical Ethics, Georgetown University Medical Center

Bill Ravanesi, Boston Campaign Director, Health Care Without Harm

Jennifer Sass, Senior Scientist, Natural Resources Defense Council

Arnold Schecter, Professor of Environmental Sciences. University of Texas School of Public Health

Jill S Schneiderman, Professor of Geology, Vassar College

David Schubert, Professor, Salk Institute for Biological Studies

Morando Soffritti, Scientific Director, European Ramazzini Foundation of Oncology and Environmental Sciences, Bologna, Italy

David Suzuki. Professor Emeritus. Sustainable Development Research Institute, University of British Columbia

Tim K Takaro, Occupational and Environmental Medicine, University of Washington

Norman J Temple, Associate Professor of Nutrition, Centre for Science, Athabasca (Alberta) University

Benedetto Terracini, Professor of Biostatistics (retired), University of Torino, Italy

Andrew Thompson, Associate Professor (retired), University Counseling Center and Department of Counseling Psychology, University of Oregon

David Wallinga, Antibiotic Resistance Project Director, Institute for Agriculture and Trade Policy

Steven Wing, Associate Professor, Department of Epidemiology, School of Public Health, University of North Carolina

## Editor's Footnote:

Drs. Nemeroff and Owens are correct in stating that Nature Neuroscience's policy for review articles (in contrast to primary research) did not require them to make a financial disclosure and that we did not ask them to do so. We are now changing our policy, for reasons that are discussed in the editorial on page 997.

