

MARK J. SCHIEFSKY

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EDUCATION AND EMPLOYMENT

Professor of the Classics, Harvard University, July 2007-present

Associate Professor of the Classics, Harvard University, January 2005-June 2007;
Member, Institute for Advanced Study, Fall 2006

Assistant Professor of the Classics, Harvard University, January 2000-January 2005;
Visiting Scholar, Max-Planck-Institut für Wissenschaftsgeschichte, Berlin, 2003-4

Postdoctoral Research Fellow, Max-Planck-Institut für Wissenschaftsgeschichte, Berlin,
January-December 1999

Ph.D. in Classical Philosophy, Harvard University, 1999. Dissertation: *Technê and method in the Hippocratic treatise 'On ancient medicine'*

BA in Classics, Magdalene College, Cambridge, 1993 (first class honors)

BA in Classics and Astronomy, University of Michigan, 1991 (highest honors and highest distinction)

PUBLICATIONS

Book:

Hippocrates 'On ancient medicine': translated with introduction and commentary. Studies in ancient medicine 28 (Brill, 2005). Reviews: *BMCR* 2005.11.12 (C. Balla); *Isis* 97:2, 2006, 346-347 (R. Mayhew); *Bull. Hist. Med.* 80, 2006, 365-366 (G. E. R. Lloyd).

Articles and Reviews:

"Galen and the tripartite soul", forthcoming in *Plato and the divided soul*, ed. R. Barney, T. Brennan, and C. Brittain (Cambridge).

- "Euclid and beyond: towards a long-term history of deductivity" (with Malcolm Hyman), forthcoming in *Künstliche Intelligenz*.
- "New technologies for the study of Euclid's *Elements*", forthcoming in *Euclid and his heritage: proceedings of a Clay Mathematics Insititute conference held at Oxford University in October, 2005* (available online at <http://archimedes.fas.harvard.edu>).
- "Theory and practice in early Alexandrian mechanics: the *Belopoeica* of Philo of Byzantium", forthcoming in *Classical quarterly*.
- "Structures of argument and concepts of force in the Aristotelian *Mechanical Problems*", *Early science and medicine* 14, 2009, 43-67.
- "Theory and practice in Heron's *Mechanics*", in *Mechanics and natural philosophy before the scientific revolution*, ed. S. Roux and W. Roy Laird (Springer 2008), 15-49.
- "Galen's teleology and functional explanation", *Oxford studies in ancient philosophy* 33, Winter 2007, 369-400.
- "Art and nature in ancient mechanics", in *The artificial and the natural: an evolving polarity*, ed. B. Bensaude-Vincent and W. Newman (MIT Press, 2007), 67-108.
- "Technical terminology in Greco-Roman treatises on artillery construction", in *Antike Fachtexte/Ancient technical texts*, ed. T. Fögen (de Gruyter, 2005), 253-270.
- "On ancient medicine on the nature of human beings", in *Hippocrates in context: papers read at the XIth International Hippocrates Colloquium, University of Newcastle upon Tyne, August 2002*, ed. P. J. van der Eijk (Brill, 2005), 69-85.
- Review of Philip J. van der Eijk, *Medicine and philosophy in classical antiquity: doctors and philosophers on nature, soul, health and disease* (Cambridge, 2005). *The Lancet*, vol. 366, no. 9480 (July 9-15, 2005), 113-114.
- Review of Liba Taub, *Ancient meteorology* (Routledge, 2003). *New England Classical Journal* 31.4 (November 2004), 424-426.
- Review of *Greek science of the Hellenistic era: a sourcebook*, ed. Georgia L. Irby-Massie and Paul T. Keyser (Routledge, 2002) and Owen Powell, *Galen, 'On the properties of foodstuffs'. Introduction, translation, and commentary* (Cambridge, 2003). *New England classical journal* 31.1 (February 2004), 51-55.
- Commentary on C.D.C. Reeve, "The Role of TEXNH in Plato's Conception of Philosophy", *Proceedings of the Boston area colloquium in ancient philosophy*, ed. J. Cleary and G. Gurtler (2001), 223-227.

Review of *Text and tradition: studies in ancient medicine and its transmission presented to Jutta Kollesch*, ed. K. D. Fischer, D. Nickel, and P. Potter (Brill, 1998), Pp. xii, 340. *Classical world* 94.2 (2001), 203-204.

RESEARCH ACTIVITIES

Principal Investigator, *The Archimedes project: realizing the vision of an open digital research library for the history of mechanics*, National Science Foundation award #0085960, 2001-2004, total amount \$448,444 (<http://archimedes.fas.harvard.edu>). Description of research at "The ancient mechanics and how they thought", New York Times, April 1, 2008 (<http://www.nytimes.com/2008/04/01/science/01clas.html>).

Organizer (with F. Schironi) of Exploratory Seminar on "Hellenistic Science and Scholarship", Radcliffe Institute, Harvard University, May 2006. Two-day intensive workshop with eight invited scholars.

PAPERS AND PRESENTATIONS

"Criteria of truth and the assessment of evidence in later Greek science", invited presentation at conference *The temper of evidence*, California Institute of Technology, May 2009

"Towards a long-term history of the knowledge of doing", invited presentation at workshop *The knowledge of doing*, Max Planck Institute for the History of Science, March 2009

"Medicine and philosophy in the second century AD: Galen on the elements", Indiana University, Department of History and Philosophy of Science, April 2008

"New opportunities and new challenges: critical editions in the electronic age", American Philological Association annual meeting, Chicago, Illinois, January 2008

Invited participant at Dahlem workshop on "The globalization of knowledge and its consequences", Freie Universität Berlin, November 2007

"Structures of argument and concepts of force in the Aristotelian *Mechanical problems*", History of Science Society Annual Meeting, November 2007

"Philosophy and medicine in the second century CE: Galen and the tripartite soul", Department of Classics, Emory University, October 2007

"The challenges of philology for the digital humanities", Harvard University Humanities Center, October 2007

"The origins of ancient atomism", Medieval Science Colloquium VII, Boston College, May 2007

"Elements and qualities in Galen's Hippocratism", *The materialistic worldview from late antiquity to Islam*, workshop held at the Institute for Advanced Study, Princeton, May 2007

"Galen on teleology: functional explanation and design", Department of Classics, Princeton University, April 2007

Invited speaker on Galen in graduate seminar on ancient medicine (R. Rosen), University of Pennsylvania, April 2007

"Galen on the tripartite soul", Classics Colloquium, University of Pennsylvania, April 2007

"Galen's teleology and functional explanation", Institute for Advanced Study, History of Science/Classics seminar, April 2007

"Galen on the tripartite soul", conference on *Plato and the divided soul*, Cornell University, October 2006

Central European University, Budapest, July 17-24, 2006. Invited guest, delivered four seminars on ancient philosophy and medicine

"Ancient mechanics and its transformations", paper delivered at the Max Planck Institute for the History of Science in Berlin, July 2006, in the context of Sonderforschungsbereich 644, "Transformationen der Antike", sponsored by the Deutsche Forschungsgemeinschaft

"Galen on teleology and the limits of mechanical explanation", New York Academy of Sciences, December 2005 (see <http://www.nyas.org/ebrief/miniEB.asp?ebriefID=516>)

"Machines and morals: the uses of technology in ancient medicine", Harvard University Humanities Center, December 2005

"New technologies for the study of Euclid's *Elements*", presented at *Euclid and his heritage: a Clay Mathematics Institute conference*, St. Catharine's College, Oxford University, October 7-8, 2005

"The challenge of the humanities to the world wide web: perspectives from the Archimedes Project" (with M. Hyman), Joint International Conference of the Association for Literary and Linguistic Computing and the Association for Computers and the Humanities, Göteborg University, June 11-16, 2004

“Aspects of technical language in Greco-Roman treatises on artillery construction”, XVI. Internationales Kolloquium des Studienkreises „Geschichte der Sprachwissenschaft“ (SGdS), Humboldt-Universität zu Berlin, March 5, 2004

“Heron of Alexandria’s theoretical reflection and systematization of ancient mechanical knowledge”, European Science Foundation workshop *From natural philosophy to science*, Tenerife, February 2004

Comments on Heinrich von Staden, “Medicine and the soul: Galen on the physiology and therapy of anger”, Princeton University Colloquium in Classical Philosophy, December 2003

“Body and machine in Greek biology and medicine”, American Philological Association annual meeting, New Orleans, LA, January 2003

“On ancient medicine on the nature of human beings”, XIth International Hippocrates Colloquium, Newcastle, August 2002

“*Technê* and method in ancient medicine and mechanics”, History of Science Society annual meeting, Denver, November 2001

Comments on C.D.C. Reeve, “Plato’s construction of philosophy”, Boston Area Colloquium in Ancient Philosophy, Holy Cross, April 2000

“Theory and practice in Hippocratic medicine”, Institut für Geschichte der Medizin, Freie-Universität Berlin, October 1999

“The method of good old medicine”, Cambridge University, B Club, Faculty of Classics, November 1998

TEACHING

Classics 100, Ancient cosmology and mechanics (Fall 2001)

Classics 165, Ancient medicine (Spring 2000, Fall 2000; Spring 2009)

Classics 265, *Technê* in Greek culture (Spring 2001)

Classics 296, Greek medical literature (Spring 2006, Fall 2007)

Classics 268, Aristotle and his predecessors: *Physics* book I (Spring 2003)

Greek 110r, Plato: *Phaedrus* (Spring 2000), *Protagoras* (Fall 2000), *Euthydemus* and *Hippias Major* (Fall 2004), *Republic* (Fall 2005 and 2007)

Greek 150, Greek rhetoric (Spring 2002)

History of Science 206r, Archimedes and the Archimedean tradition (with J. Murdoch and B. Mazur, Spring 2009)

Latin 107, Lucretius (Spring 2001, Spring 2003, Spring 2006)

Philosophy 7, Introduction to ancient philosophy (Fall 2004)

REFERENCES

Professor John E. Murdoch, Department of the History of Science, Harvard University,
Cambridge, MA 02138 (murdoch@fas.harvard.edu)

Professor Gisela Striker, Department of Philosophy, Harvard University, Cambridge, MA
02138 (striker@fas.harvard.edu)

Professor Heinrich von Staden, Institute for Advanced Study, Princeton, NJ 08540
(hvs@ias.edu)