



Tal Golan

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Curriculum Vitae

Tal Golan holds a Ph.D from the University of California at Berkeley (1997) in the History of Science. His areas of specialization are: history of science in the 18th and 19th centuries, history of Israeli science; history of science policy, and the relations between science, technology and law. He is currently engaged in two research projects: Zionism and science, and the history of statistical evidence.

Publications

Books:

- Laws of Man and Laws of Nature: A History of Scientific Expert Testimony, (Harvard University Press, spring 2004).
- Co-Editor, History of Israeli Science, Special Volume of Science in Context , (Cambridge: Cambridge University Press, 2010).
- Editor, Science, Technology and Israeli Society, Special Volume of Israel Studies, (Bloomington, Indiana: Indiana University Press, 2004).
- Editor, Science and Law, Special Volume of Science in Context , (Cambridge: Cambridge University Press, 1999).

Book Chapters:

- “Science and Law,” in *The Oxford Encyclopedia of American Scientific, Medical, and Technological History* (Oxford, Oxford University Press, forthcoming)
- “William Morton’s Photography of the Invisible and Its Value in Surgery, in *Hidden Treasure of the National Library of Medicine* (Bethesda, Md: National Library of Medicine, 2012)
- “The History of Epidemiological Evidence in the Twentieth-Century American Courtroom,” in Jessica Riskin and Mario Biagioli, eds., *Nature Engaged: Science in Practice from the Renaissance to the Present* (New York: Palgrave MacMillan, 2012)
- “Bildbesprechung : Hirndarstellungen vor Gericht,” in *Bildwelten des Wissens. Kunsthistorisches Jahrbuch für Bildkritik* (Berlin, Akademie Verlag, Dec 2008).
- “Aus der Seele sprechen: Recht, Psychologie und das Beweismaterial vom Schauplatz der Psyche um 1900”, in M. Cuntz, B. Nitsche and I. Otto, eds., *Die Listen der Evidenz*. (Cologne: Herbst, 2005)
- “Law and Science,” in J. L. Heilbron, ed., *The Oxford Companion to the History of Modern Science* (Oxford: Oxford University Press, 2003), 455 – 457.
- “Sichtbarkeit und Macht: Maschinen als Augenzeugen,” in Peter Geimer, ed., *Ordnungen de Sichtbarkeit: Fotografie in Wissenschaft, Technologie und Kunst* (Berlin: Kluwer, 2002), 171-210.

Journal Articles:

- “The Kishon Affair: Science, Law, and the Politics of Causation in the Israeli Context,” *Science in Context* (2010) 23(4):535–569
- “Visual Images in the Courtroom: a Historical Perspective, *Parallax* (2008) 14 (4): 77-89.
- “Revisiting the History of Scientific Expert Testimony,” *Brooklyn Law Review* (2008) 73 (3):879-942
- “The Emergence of the Silent Witness: The Legal and Medical Reception of X-rays in the USA,” *Social Studies of Science* (2004) 34: 469-499.
- “History of Scientific Expert Testimony in the English Courtroom,” *Science in Context* (1999) 12:5-34.
- Tal Golan, “Learning to See: The Origin of Visual Technologies in Medicine and Law,” *Plilim* (Tel-Aviv University Law Review) (2003) 3:59-88.
- Tal Golan, “Blood will Out: Distinguishing Humans from Animals and Scientists from Charlatans in the Nineteenth-Century Courtroom,” *Historical Studies in the Physical and Biological Sciences* (2000) 31:93-124.
- Tal Golan, “The Authority of Shadows: The Legal Embrace of the X-Ray,” *Historical Reflections* (1998) 24:437-458.

Current Research

- The history of scientific expertise in various public arenas.
- The history of science policy
- The relations between science and law in 19th century USA.
- The history of Israeli science

Courses

- HISC 107. The Emergence of Modern Science (Lecture course)
- HISC 131. Science, Technology and Law (Lecture course)
- LAWS 101. Contemporary Legal Issues (Lecture course)
- HISC 177/277. Science and the Enlightenment (Seminar)
- HISC 180/280. History of Public Policy (Seminar)
- HIGR 236A+B. Science and the Public Sphere (Seminar)
- HIGR 239. Scientific Evidence (STS seminar)
- HISC 161/261. Newton & Newtonianism (Seminar)
- HITO 87. Biology and Society (Freshman Seminar)