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# Experiments

ABC. "Ratones que cantan arrojan luz sobre la conversación humana." *ABC* 28 Feb. 2019.\*

 <https://www.abc.es/ciencia/abci-ratones-cantan-arrojan-sobre-conversacion-humana-201902282158_noticia.html>

 2019

Bacon, Francis. *The Great Instauration.* (Incomplete. Published sections: *The Advancement of Learning. De Augmentis. Novum Organum. The New Atlantis).*

\_\_\_\_\_. *The Great Instauration.* In *Works.* Ed. J. Spedding. 1859. Vol. 4.

\_\_\_\_\_. *La gran restauración.* Trans. M. A. Granada. Madrid: Alianza, 1985.

\_\_\_\_\_. *The Advancement of Learning.* (Part I of *The Great Instauration*). London: Herie Tomes, 1605.

\_\_\_\_\_. *De Augmentis Scientiarum.* (New version, in Latin, of *The Advancement of Learning*). 1623.

\_\_\_\_\_. *Of the Advancement and Proficience of Learning or the Partitions of Sciences. IX Bookes. Written in Latin by the Most Eminent Illustrious & Famous Lord Francis Bacon Baron of Verulam Vicont St Alban Counsilour of Estate and Lord Chancellor of England. Interpreted by Gilbert Wats.* Oxford: Printed by Leon Lichfield, Printer to the University, for Rob. Young & Ed. Forrest, 1640.

\_\_\_\_\_. *The Advancement of Learning.* Ed. William Aldis Wright. 5th ed. Oxford: Clarendon, 1900.

\_\_\_\_\_. *Sylva Sylvarum.* 1627. (Proposal of 1000 experiments).

\_\_\_\_\_. *New Atlantis. Sylva Sylvarum.* (From the third part of *The Great Instauration*). 1627.

\_\_\_\_\_. *The Works of Francis Bacon* Ed. J. Spedding, R. L. Ellis and D. D. Heath. 14 vols. 1857-74.

Baron, Richard. *Confidence in Claims.* 2015. (1. Disciplines and Claims. 2. A Framework. 3. Relationships between Propositions. 4. Constraints on Claims. 5. Explanation. 6. Norms and Concepts. 7. Experiments and Sources. 8. Routes to Accounts. 9. Creators of Accounts).

\_\_\_\_\_. *Confidence in Claims.* Online at *Academia.\**

 <https://www.academia.edu/17275883/>

 2020

\_\_\_\_\_. *Confidence in Claims.* Online at *Semantic Scholar.\**

 <https://www.semanticscholar.org/paper/Confidence-in-Claims-Baron/0940141feb040f57308d14889373cefb14dbaed4>

 2020

Bazerman, C. *Shaping Written Knowledge: The Genre and Activity of the Experimental Article in Science.* Madison: U of Wisconsin P, 1988.

Bernard, Claude. *Introduction à l'étude de la médicine expérimentale.* Paris, 1865.

\_\_\_\_\_. *An Introduction to the Study of Experimental Medicine.* Trans. Henry C. Green. New York, 1949.

\_\_\_\_\_. *Introducción al estudio de la medicina experimental.* Trans. Antonio Espina y Capo. Introd. Pedro Laín Entralgo. Barcelona: Círculo de Lectores, 1996.\*

\_\_\_\_\_. *La Science expérimentale.* Paris, 1878.

Bronson, F. H. "Adaptabilidad del ratón doméstico: Ajusta su reproducción a una notable diversidad de hábitats, especialmente los del hombre." *Investigación y ciencia* 92 (May 1984): 84-91.\*

Campbell, D. T., and J. C. Stanley. *Experimental and Quasi-Experimental Desings for Research.* Washington: American Education Research Association, 1963.

Cantor, Geoffrey. "The Rhetoric of Experiment." In *The Uses of Experiment: Studies in the Natural Sciences.* Ed. David Gooding, Trevor Pinch and Simon Schaffer. Cambridge: Cambridge UP, 1989. 159-80.\*

Caparrós, Antonio. "El estudio experimental de la memoria: La aportación de Hermann Ebbinghaus." In *Historia de la Psicología: Textos y comentarios.* Ed. Elena Quiñones et al. Madrid: Tecnos, 1993. 284-92.\*

Cetina, Karin Knorr. "The Couch, the Cathedral, and the Laboratory: On the Relationship between Experiment and Laboratory in Science." In *Science as Practice and Culture.* Ed. Andrew Pickering. Chicago: U of Chicago P, 1992. 113-38.\*

Fox, Michael A. *The Case for Animal Experimentation.* Berkeley: U of California P, 1986.

Franklin, Allan. "The Epistemology of Experiment." In *The Uses of Experiment: Studies in the Natural Sciences.* Ed. David Gooding, Trevor Pinch and Simon Schaffer. Cambridge: Cambridge UP, 1989. 437-60.\*

Galison, Peter. *How Experiments End.* Chicago: U of Chicago P, 1987.\* (Physics, atoms, particles, quantum theory, theories).

García Landa, José Angel. "Inóculo Experimental." In García Landa, *Vanity Fea* 25 Nov. 2022.\*

 <https://vanityfea.blogspot.com/2022/11/inoculo-experimental.html>

 2022

Gooding, David. "Putting Agency Back into Experiment." In *Science as Practice and Culture.* Ed. Andrew Pickering. Chicago: U of Chicago P, 1992. 65-112.\*

Gooding, David, Trevor Pinch and Simon Schaffer, eds. *The Uses of Experiment: Studies in the Natural Sciences.* Cambridge: Cambridge UP, 1989. 1993.\* (Introd.: "Some Uses of Experiment," 1-28). (Scientific texts, evidence, experiment, instruments, knowledge, observation, phenomena, reality, theories, method, history of science; Peter Barlow, Robert Boyle, Andrew Crosse, René Descartes, Michael Faraday, Galileo, Robert Hoooke, Isaac Newton, J. J. Thomson, C. T. R. Wilson, S. D. Poisson, W. C. Röntgen).

Hacking, Ian. "Experiment." In Hacking, *Representing and Intervening: Introductory Topics in the Philosophy of Natural Science.* Cambridge: Cambridge UP, 1983. 149-66.\*

\_\_\_\_\_."Experimentation and Scientific Realism." In Hacking, *Representing and Intervening: Introductory Topics in the Philosophy of Natural Science.* Cambridge: Cambridge UP, 1983. 262-75.\*

Harré, Rom. *Matter and Method*

\_\_\_\_\_. *The Anticipation of Nature.*

\_\_\_\_\_. *Great Experiments.*

Kean, Sam. "Mouse Heaven or Mouse Hell?" *Science History Institute (Distillations)* 17 May 2022.\* (John Calhoun).

 <https://www.sciencehistory.org/distillations/mouse-heaven-or-mouse-hell>

 2022

Lardieri, Alexa. "Inside NIH Virus Lab in Montana—That Has Eerie Ties to Wuhan—Where US Scientists Inject Pigs and Monkeys with EBOLA and Other Dangerous Bio-Agents." *Mail Online* 27 Jan. 2024.\*

 <https://www.dailymail.co.uk/health/article-13008119/montana-lab-scientists-experimenting-dangerous-pathogens.html>

 2024

Latour, Bruno, and Steve Woolgar. *Laboratory Life: The Social Construction of Scientific Facts.* Los Angeles: Sage, 1979.

\_\_\_\_\_. *Laboratory Life: The Construction of Scientific Facts.* Introd. Jonas Salk. 2nd ed. With a new postscript and index by the authors. Princeton: Princeton UP, 1986.\*

Libertad Digital / Agencias. "Científicos españoles consiguen rejuvenecer ratones ancianos." *Libertad Digital* 7 march 2022.\* (Juan Carlos Izpisúa Belmonte).

 <https://www.libertaddigital.com/ciencia-tecnologia/salud/2022-03-07/cientificos-espanoles-consiguen-rejuvenecer-ratones-6873661/>

 2022

Moss, William, and Roger Eckhardt. *The Human Plutonium Injection Experiments.* Los Alamos Science, 1995.

Naylor, R. H. "Galileo's Experimental Discourse." In *The Uses of Experiment: Studies in the Natural Sciences.* Ed. David Gooding, Trevor Pinch and Simon Schaffer. Cambridge: Cambridge UP, 1989. 117-34.\*

Nickles, Thomas. "Justification and Experiment." In *The Uses of Experiment: Studies in the Natural Sciences.* Ed. David Gooding, Trevor Pinch and Simon Schaffer. Cambridge: Cambridge UP, 1989. 299-333.\*

Pickering, Andy. "Living in the Material World: On Realism and Experimental Practice." In *The Uses of Experiment: Studies in the Natural Sciences.* Ed. David Gooding, Trevor Pinch and Simon Schaffer. Cambridge: Cambridge UP, 1989. 275-97.\*

Popper, Karl R. *Logik der Forschung.* Wien: Springer, 1935.

\_\_\_\_\_. *The Logic of Scientific Discovery.* New York: Basic Books, 1949. 1959.

\_\_\_\_\_. *The Logic of Scientific Discovery.* London, 1959.

\_\_\_\_\_. *La lógica de la investigación científica.* 1934. English ed. 1958. Trans. Víctor Sánchez de Zavala. Introd. José Manuel Sánchez Ron. Barcelona: Círculo de Lectores, 1997.\*

Rego, Paco. "Los superratones 'humanos' de Sagrario." (Crónica). *El Mundo* 5 July 2020: 44-45.\*

 <http://prensa.unizar.es/noticias/2007/200706_z0_mundo4445.pdf>

 2020

Riese, Walter. "Romanticism and the Experimental Method." *Studies in Romanticism* 2 (1962): 12-22.

Rus, Cristian. "El experimento que comenzó con 8 ratones en 6,5 m2 y acabó en una masacre de cientos de ellos muertos." *Xataka* 14 March 2020.\* (John B. Calhoun).

 <https://www.xataka.com/investigacion/experimento-que-comenzo-8-ratones-6-5-m2-acabo-masacre-cientos-ellos-muertos>

 2020

Secord, James A. "Extraordinary Experiment: Electricity and the Creation of Life in Victorian England." In *The Uses of Experiment: Studies in the Natural Sciences.* Ed. David Gooding, Trevor Pinch and Simon Schaffer. Cambridge: Cambridge UP, 1989. 337-83.\*

Shapin, Steven. "Invisible Technicians: Masters, Servants, and the Making of Experimental Knowledge." Ch. 8 of Shapin, *Social History of Truth: Civility and Science in Seventeenth-Century England.* Chicago: U of Chicago P, 1994. 355-408.\*

Shapin, Steven, and Simon Schaffer. *Leviathan and the Air Pump: Hobbes, Boyle, and the Experimental Life.* Princeton: Princeton UP, 1985.

Smolin, Lee. "II.8. An Agenda for Science." In *The Singular Universe and the Reality of Time.* By Roberto Mangabeira Unger and Lee Smolin. Cambridge: Cambridge UP, 2015. 484-99.\* (Time, Laws, Experiments, Gravity).

Watson, Peter. "23. El genio del experimento." In Watson, *Ideas: Historia intelectual de la Humanidad.* Barcelona: Crítica, 2006. 751-84.\*

Wundt, Wilhelm. *Der Einfluss der Philosophie auf die Erfahrungswissenschaften,* 1876 *(La influencia de la filosofía sobre las ciencias empíricas).*

Audio

Jiménez, Iker, et al. "Iker Jiménez - Así nos programan El Instituto Tavistock." Audio. (Cadena SER, Milenio 3, 19 April 2015). *YouTube (Todo Misterio)* 12 June 2022.\* (Advertising, propaganda, control, ideology, social engineering; Experiments; John Nash, R. D. Laing, families).

<https://youtu.be/UjFA8MDE7dM>

 2022

Internet resources

"Experimento Tuskegee." *Wikipedia: La enciclopedia libre.\**

 <https://es.wikipedia.org/wiki/Experimento_Tuskegee>

 2021

Literature

James, M. R. "The Experiment." Short story. In James, *'Casting the Runes' and Other Ghost Stories.* Ed. Michael Cox. Oxford and New York: Oxford UP, 1987. 281-87.\*

Video

Fridman, Lex. "Judea Pearl: Causal Reasoning, Counterfactuals, and the Path to AGI | Lex Fridman Podcast #56." Video interview. *YouTube (Lex Fridman)* 11 Dec. 2019.\* (Mathematics, Models, Correlation, Experiments, Science, Data, Abstraction, Artificial intelligence; Calculation; Free will, Consciousness; Indoctrination; Religion; Daniel Pearl; Terrorism, Evil).

<https://youtu.be/pEBI0vF45ic>

 2022

See also Science; Method.