

# 1 BIOGRAPHICAL SKETCH – JUDEA PEARL

B.S.	(Elec. Engr.)	Technion, Haifa, Israel	1960
M.S.	(Elec. Engr.)	Newark College of Engineering Newark, New Jersey	1961
M.S.	(Physics)	Rutgers University New Brunswick, New Jersey	1965
Ph.D.	(Elec. Engr.)	Polytechnic Institute of Brooklyn Brooklyn, New York	1965

## 1.1 Appointments

Professor	University of California, Los Angeles	1976 – present
Visiting Professor (on Sabbatical)	University of Tel-Aviv, Israel	1983 – 1984
Visiting Scholar (on Sabbatical)	Weizmann Institute, Israel	1976 – 1977
Associate Professor	University of California, Los Angeles	1970 – 1976
Director of Research	Electronic Memories, Inc., Hawthorne	1966 – 1969
Member of Technical Staff	RCA Research Center, Princeton	1961 – 1966
Research Engineer	New York University	1961

## 1.2 Publications

- Pearl, J., *Causality: Models, Reasoning, and Inference*, Cambridge University Press, NY, 2000.
- Pearl, J., “Reasoning with cause and effect,” In *Proceedings of the International Joint Conference on Artificial Intelligence (IJCAI-99)*, Morgan Kaufmann, San Francisco, CA, 1437–1449, 1999.
- Pearl, J., “Probabilities of causation: Three counterfactual interpretations and their identification,” *Synthese*, Vol 121(1–2), 93–149, Nov. 1999.
- Pearl, J., *Probabilistic Reasoning in Intelligent Systems*, Morgan Kaufmann, San Mateo, CA, 1988.
- Pearl, J., “Causal diagrams for empirical research, (with discussion),” *Biometrika*, 82(4), 669–710, December 1995.

5 pubs  
most  
closely  
related  
and up to  
5 other  
significant  
pubs

## 1.3 Synergistic Activities

- J. Pearl’s book, *Causality: Models, Reasoning and Inference*, has won the Lakatos Award for 2001. The Lakatos is awarded each year by the London School of Economics for the most outstanding contribution to the philosophy of science.
- B. Bonet, “Instrumentality Tests Revisited” was selected as a Best Student Paper Award runner-up at the Seventeenth Conference on Uncertainty in Artificial Intelligence, UAI-01, Seattle, WA, August 2001.

up to 5 ex-  
amples

- J. Pearl, Corresponding Member, Spanish Academy of Engineering, 2002.
- C. Brito and J. Pearl, “Generalized Instrumental Variables,” Best Student Paper Award at the Eighteenth Conference on Uncertainty in Artificial Intelligence, UAI-02, Edmonton, Canada, August 2002.
- J. Pearl received the ACM 2004 Allen Newell Award (presented to an individual selected for career contributions that have breadth within computer science, or that bridge computer science and other disciplines).

## 1.4 Collaborators and Other Affiliations

### 1.4.1 Graduate students advised

- Ilya Shpitser, Graduate Student
- Chen Avin (PhD, 2006), “Random Geometric Graphs: An Algorithmic Perspective”
- Mark Hopkins (PhD, 2005), “The actual cause: From intuition to automation”
- Blai Bonet (PhD, 2004), “Modeling and Solving Sequential Decision Problems with Uncertainty and Partial Information”
- Carlos Brito (PhD, 2004), “Graphical Methods for Identification in Structural Equation Models”
- Jin Tian (PhD, 2002), “Studies in Causal Reasoning and Learning”

### 1.4.2 Visiting scholars sponsored

- Azaria Paz, Technion Institute, Haifa, Israel
- Manabu Kuroki, Osaka University, Japan add?
- Zhihong Cai, Kyoto University, Japan add?