



Gary Felsenfeld

GRFP Recipient: 1952

Undergraduate Institution:
B.A. 1951, Harvard University

Graduate Institution:
Ph.D. 1955, California Institute of Technology

Graduate Field of Study:
Physical Chemistry

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Current Position:
Distinguished Investigator and
Chief of Physical Chemistry,
the Laboratory of Molecular
Biology, National Institute of
Diabetes and Digestive and
Kidney Diseases at the
National Institutes of Health

RESEARCH INTERESTS //

Gary Felsenfeld has spent most of his career at the National Institutes of Health, focusing his research on the chemistry of interactions between DNA and regulatory proteins, and especially on the relationship between chromatin structure and gene expression. In recent years he has been particularly interested in the function of insulator elements, and the identification of factors that stabilize long range interactions in the nucleus.

AWARDS/ HONORS //

- Fellow of the American Association for the Advancement of Science
- Fellow of the American Academy of Arts and Sciences
Associate Member, European Molecular Biology Organization
- Member, National Academy of Sciences (1976)

POSITION PROFILE //

After completing his studies in 1961, Gary Felsenfeld carried out his postdoctoral work at the Mathematical Institute at Oxford University. Felsenfeld was head of the Section on Physical Chemistry of the Laboratory for Molecular Biology of the National Institute of Digestive and Kidney Diseases, becoming an employee of the National Institutes of Health (NIH) in 1962, and recently celebrated his 50th anniversary with the organization.

