

GENEALOGY DATABASE ENTRY

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Winstein, Saul

1912 - 1969

DEGREE: PhD

DATE: 1938

PLACE: CalTech

TEACHER/RESEARCH ADVISOR: Lucas

studied bridged and "non-classical" cations; studied neighboring group and anchimeric effects; formulated concepts of homoallylic and homoaromatic stabilization; elucidated importance of ion pairs in substitution and elimination reactions; devised quantitative scale of the ionizing power of solvents; synthesized cyclononatriene.

FOOTNOTE: Winstein obtained his MA degree in 1935 at UCLA under Young, with whom he published eight papers. Winstein's interests in allylic rearrangements lasted throughout his career and he collaborated with Young in this area for 36 years.

1. *Biog. Mem. Nat. Acad. Sci.* **1973**, *43*, 320-353.
2. *Int. J. Chem. Kin.* **1970**, *2*, 167-173.
3. *American Chemists and Chemical Engineers*; Miles, W. D., Ed.; American Chemical Society: 1976; p514-515.
4. *J. Am. Chem. Soc.* **1972**, *94*, 2161-2170.
5. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 18, p994-996.
6. *Prog. Phys. Org. Chem.* **1972**, *9*, 1-24.