1962: Journal of Catalysis, the first scientific journal devoted solely to catalysis, begins publication with J. H. de Boer and P. W. Selwood as editors.

1962: Description of “Vaska’s Complex,” the first to show reversible bonding of hydrogen and ethene within the coordination sphere (L. Vaska and J. W. D. Luzio, JACS, 84, 679 (1962)).

1963: Sachtler proves, using $^{14}$C-labeled propene, that a $\pi$-allyl complex is formed during propene oxidation (W. M. H. Sachtler, Rec. Trav. Chim., 82, 243 (1963)).

1963: Ammoxidation of propene to acrylonitrile.


1964: Olah announces “Magic Acid,” a mixture of HF and SbF$_5$ reacts with hydrocarbons to produce stable carbocations that are observable using NMR. G. Olah awarded the 1994 Nobel Prize in Chemistry.


