Taube, Henry 1915 -

DEGREE: PhD         DATE: 1940        PLACE: Berkeley
TEACHER/RESEARCH ADVISOR: Bray

Nobel Prize in 1983 for studies of electron transfer and ligand substitution reactions of transition metal compounds, and their correlations with electronic structure; developed the concepts of kinetically inert metal ions and inner vs. outer sphere electron transfer mechanisms; synthesized the first bridging dinitrogen complex; first to determine the hydration numbers of aqueous metal cations; carried out some of the first systematic studies of discrete mixed-valence molecules (e.g., the Creutz-Taube ion).