

GENEALOGY DATABASE ENTRY

©Vera V. Mainz and Gregory S. Girolami 1998

Bigelow, Lucius Aurelius

1892 - 1973

DEGREE: PhD

DATE: 1919

PLACE: Yale

TEACHER/RESEARCH ADVISOR: Johnson, T.

investigated the direct fluorination of organic compounds, esp. methane, ethane, benzene, and organonitrogen compounds; demonstrated that a fluorocarbon containing an appreciable number of carbon atoms could be produced by reaction of a hydrocarbon with elemental fluorine; studied oxidations and catalytic hydrogenations of organic compounds.

1. For confirmation of research advisor, see *J. Am. Chem. Soc.* **1919**, *41*, 1559.
2. Biographical material, Duke University Archives (9Sept93).