

LETTERS TO THE EDITOR

Jack Sylvester Hine 1923-1988

Jack Hine was an outstanding physical organic chemist. His Ph.D. was with Roger Adams and he did his post-doctoral work with John Roberts who regarded him highly. He was the author of about 170 papers and three books: *Divalent Carbon*, *Physical Organic Chemistry* [2 editions], and *Structural Effects on Equilibria in Organic Chemistry*. He was Regents Professor of Chemistry at Georgia Tech before moving to Ohio State. The purpose of this letter is to express my surprise that I have been unable to find a proper biographical account of Prof. Hine. I would have expected to see a plethora of obituaries in the standard journals and in C&EN. I can find almost nothing. Perhaps your readers can help?

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More on Jack Baldwin

I very much enjoyed reading your *Back Story* about Sir Jack Baldwin in the recent issue of the *Bulletin* (1). Seeing the picture of Jack in what appears to a ca. 1986 Austin Mini City E in front of the Dyson Perrins Laboratory reminded me of a day I spent with Jack in 2009 as I was in the UK for my Robert Robinson Award lecture series. I visited Jack, and he proudly exhibited his Ferrari 599. The attached photo will reveal his love of red, seen vividly in the on-line version of your *Back Story* and also in the on-line version of my photograph. Clearly Jack had graduated from the Mini to the Ferrari.

Jack already owned a Ferrari when he was teaching at MIT before he was called to the Waynflete Professorship at Oxford in 1978. But that Ferrari was a more modest model. He blew up Barry Sharpless's Corvette



(Left) Jack Baldwin in a car that most certainly did not fit his oversized personality. He was better known for his fast motorcycles and his even faster Ferrari (Right). Left photograph courtesy Jeffrey I. Seeman, right courtesy Scott Denmark.

racing down Memorial Drive in Cambridge, but that's another great story of this unique man.

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1. J. I. Seeman, "The Back Story: Sir Jack Baldwin," *Bull. Hist. Chem.*, **2020**, *45*, 64.

Citation for Chemical Breakthrough 2020 Awardees

The term "breakthrough" refers to advances that have been revolutionary in concept, broad in scope, and long-term in impact. Plaques, to be placed in the hallways outside the office or laboratory where the breakthroughs were achieved, are presented to the departments and institutions at which these breakthroughs occurred. Jeffrey I. Seeman, then Chair of HIST and creator of the award, in 2006 said that the award is intended to "celebrate great scientific accomplishments and motivate, through shared pride of achievement. We hope that all who walk by and see the plaques will say, 'Wow! That was done here!'"

The 2020 awardees are:

Imperial College London for William Henry Perkin, "Producing a new Coloring Matter for Dyeing with a Lilac or Purple Color Stuffs of Silk, Cotton, Wool, or other Materials," Great Britain Patent 1984, August 26, 1856.

The Royal Institution, London, and University College London for Lord Rayleigh and William Ramsay, "Argon, a New Constituent of the Atmosphere," *Philosophical Transactions of the Royal Society A*, **1895**, *186A*, 187-241.

The University of Manchester for Henry G. J. Moseley, "The High-Frequency Spectra of the Elements," *Philosophical Magazine* [Ser. 6], **1913**, *26*, 1024-1034.

New York University for Robert S. Mulliken, "The Assignment of Quantum Numbers for Electrons in Molecules. I," *Physical Review*, **1928**, *32*, 186-222.

HIST Election 2020 Results

Chair-Elect (Term 2021-2022); Chair (Term 2023-2024): Arthur Greenberg

Secretary/Treasurer (Term 2021-2022): Vera Mainz

Councilor (Term 2021-2024) Mary Virginia Orna

Alternate Councilor (Term 2021-2024) Christopher Heth

Congratulations to winners and to all the members who stood for election and were willing to serve.