

Macro Roundup Article

Headline: [Age and the Impact of Innovations](#)

Article Link: <https://mattsclancy.substack.com/p/age-and-the-impact-of-innovations>

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Summary: Scientists are getting older. Above is the share of employed US PhD scientists and engineers in three different age ranges: early career (under 40), mid-career (ages 40-55), and late career (ages 55-75). The figure covers the 26 years from 1993-2019. Over this period, the share of mid-career scientists fell from about half to just under 40%. Most (but not all) of that decline has been offset by an increase in the share of late career scientists. And within the late career group, the share older than 65 has more than doubled to 27% over this time period. Yu and coauthors still find a sharp fall off in both productivity and citations to top papers after 25 years of career experience. For a scientist who first published at the age of 25, that's 50 years old. The share of scientists who fall into this "late career" demographic has been on the rise.

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Primary Topic: Innovation/Research

Topics: Factoid, Innovation/Research, Links to Useful Sources, Op-Ed/Blog Post, Productivity

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