

## Macro Roundup Article

**Headline:** [The U.S. Is Turning Away From Its Biggest Scientific Partner at a Precarious Time](#)

**Article Link:** <https://www.wsj.com/articles/the-u-s-is-turning-away-from-its-biggest-scientific-partner-at-a-precious-time-9fb9adaa>

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**Tweet:** 40% of America's high-quality scientific papers involve international collaborations, and China is the #1 partner in producing scientific research, though security concerns threaten the relationship going forward.

**Summary:** More than 40% of America's scientific production—measured by the number of high-quality papers that U.S.-based scientists produce—involves cooperation with researchers abroad, according to Clarivate, a London-based data firm that tracks global scientific research. China and the U.S. are each other's No. 1 partner in producing scientific research, with collaborative research between the two consistently among the most-cited papers across fields, according to an analysis of Clarivate's data by Caroline Wagner, a professor of public policy at Ohio State University. The U.S. depends more heavily on China than China does on the U.S. in some strategic areas, according to an analysis by Clarivate of studies in respected journals shared exclusively with The Wall Street Journal. Related: Creating and Connecting US and China Science: Chinese Diaspora and Returnee Researchers and Xie Xiaoliang Is Latest Chinese Scientist to Give Up US Citizenship and Award-Winning Chinese Mathematician Sun Xin Returns from US to Work at Peking University

**Primary Topic:** Innovation/Research

**Topics:** China, Innovation/Research, News article, Productivity, Security

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