

PAUL ANASTAS
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BIO

Considered the father of green chemistry, a field that promotes the design of products and processes that minimize environmental impacts and hazardous outcomes Paul T. Anastas is credited with establishing the field in 1991 during his time working for the U.S. Environmental Protection Agency as the Chief of the Industrial Chemistry Branch. From 2009 to 2012, he served as the Assistant Administrator for the U.S. Environmental Protection Agency and the Agency Science Advisor for the Obama administration. Since coining the term “green chemistry” in the early 1990s, he has spent more than three decades developing the field. He has published 13 books, including his seminal work, with John Warner, “Green Chemistry: Theory and Practice” which introduced the 12 Principles of Green Chemistry. The focus of his research is the design of safer chemicals, bio-based polymers, catalysis, carbon dioxide utilization,

renewable energy storage, and new methodologies of chemical synthesis that are more efficient and less hazardous to the environment. The founder of the U.S. Green Chemistry Program, Anastas served as chair of the Science Technology Policy Council and co-chaired the National Science and Technology Council's Committee on Environment, Natural Resources, and Sustainability. Anastas has co-founded three manufacturing companies including P2 Science in Connecticut and is also currently a science advisor for Air Co, a Brooklyn-based company that produces carbon negative vodka and hand sanitizer.

TALKING POINTS

- Green Chemistry
- Sustainable innovation
- Climate change solutions
- Non-toxic, and renewable products -- from pharmaceuticals to cosmetics to plastics
- Lowering the use of energy in product manufacturing

MEDIA

- **CNBC: How 'green chemistry' could have a big part to play in the future**
<https://yse.to/7o>
- **CT Magazine: How to make diet and health decisions that are good for you and the planet**
<https://yse.to/7r>
- **KPCW: Concepts of Green Chemistry**
<https://yse.to/7s>
- **Forbes: The Father of Green Chemistry**
<https://yse.to/7q>
- **Vogue Business: L'Oréal lifts the lid on sustainability strategy**
<https://yse.to/7p>

VIDEO CLIPS

<https://www.youtube.com/watch?v=JoN0zIVEeLo>

<https://www.youtube.com/watch?v=yYAAro2wWzQ>

<https://news.yale.edu/videos/yalelive-paul-anastas>