

## BARRY B. SNIDER

Dept of Chemistry, MS 015  
Brandeis University  
Waltham, MA 02454-9110

Born: 1950, Chicago Illinois

### Education:

B. Sc. Chem. University of Michigan, Ann Arbor, MI 1970  
Ph. D. Harvard University, Cambridge, MA 1973 (Advisor, E. J. Corey)  
Postdoctoral Columbia University, New York, NY 1973-1975 (Advisor, Ronald Breslow)

### Employment

Assistant Professor, Princeton University, 1975-1981  
Associate Professor, Brandeis University, 1981-1985  
Professor, Brandeis University, 1985-  
Breskin Professor of Organic Chemistry, Brandeis University, 1998-  
Chair, Chemistry Department, Brandeis University, 1992-1995, 2013-2022

### Awards and Honors

National Science Foundation Predoctoral Fellowship 1970-1973  
National Institutes of Health Postdoctoral Fellowship, 1975  
DuPont Young Faculty Grant, 1978, 1979  
UpJohn Young Faculty Grant, 1977, 1978  
Fellow of the Alfred P. Sloan Foundation 1979-1983  
Dreyfus Foundation Teacher-Scholar Award, 1982-1987  
Visiting Research Scholar, Tokyo Institute of Technology, 1992  
Member, NIH Medicinal Chemistry Study Section, 1992-1997  
Chair, NIH Medicinal Chemistry Study Section, 1995-1997  
Cope Scholar Award (American Chemical Society), 1995  
Japan Society for Promotion of Science Fellowship, 1999  
Honorary Professor East China University of Science and Technology 2006  
Chair-Elect, Chair, Past Chair, Organic Chemistry Division of the ACS, 2006-2008  
Fellow, American Chemical Society, 2011  
Secretary/Treasurer, Organic Chemistry Division of the ACS, (Elect 2013) 2014-2017  
Secretary, Organic Reactions 2020-

### Memberships:

Sigma Xi, Phi Beta Kappa, American Chemical Society

Link to Web page and complete publication list:

<http://www.brandeis.edu/chemistry/faculty/snider.html>

**Publications**

1. Salamone, J. C.; Snider, B. "Quaternary Ammonium Polymers from 1,4-Diaza[2.2.2]bicyclooctane" *J. Polym. Sci. A-1* **1970**, *8*, 3495-3501.
2. Salamone, J. C.; Snider, B.; Fitch, W. L. "Quaternization Polymerization of 4-Vinylpyridine" *Polym. Prepr., Amer. Chem. Soc., Div. Polym. Chem.* **1970**, *11(2)*, 652-654.
3. Salamone, J. C.; Snider, B.; Fitch, W. L. "Polymerization of 4-Vinylpyridinium salts. II. Hydrogen-Transfer Polymerization" *Macromolecules* **1970**, *3*, 707-709.
4. Salamone, J. C.; Snider, B.; Fitch, W. L. "Polymerization of 4-Vinylpyridinium Salts. I. Counterion Initiation Mechanism" *J. Polym. Sci. B* **1971**, *9*, 13-17
5. Salamone, J. C.; Snider, B.; Fitch, W. L. "Polymerization of 4-Vinylpyridinium salts. III. Clarification of the Mechanism of Spontaneous Polymerization" *J. Polym. Sci. A-1* **1971**, *9*, 1493-1504.
6. Salamone, J. C.; Snider, B. B.; Israel, S. C.; Taylor, P.; Raia, D. C. "Synthesis and Polymerization Studies of Vinylimidazolium Salts" *Polym. Prepr., Amer. Chem. Soc., Div. Polym. Chem.* **1972**, *13(1)*, 271-276.
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8. Salamone, J. C.; Snider, B.; Israel, S. C.; Taylor, P.; Raia, D. "Synthesis and Polymerization of Vinylimidazole Salts" *Nuova Chim.* **1972**, *48*, 82-84.
9. Salamone, J. C.; Israel, S. C.; Taylor, P.; Snider, B. "Poly(vinylimidazolium) Salts of Varying Hydrophilic-Hydrophobic Character" *Polym. Prepr., Amer. Chem. Soc., Div. Polym. Chem.* **1973**, *14(2)*, 778-782.
10. Salamone, J. C.; Israel, S. C.; Taylor, P.; Snider, B. "Synthesis and Homopolymerization of Vinylimidazolium Salts" *Polymer* **1973**, *14*, 639-644.
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13. Corey, E. J.; Snider, B. B. "The Preparation of 1,3,4-Thiadiazoline-2,5-dione and its Use as a Dienophile" *J. Org. Chem.* **1973**, *38*, 3632-3633.

14. Snider, B. B. "New Method for the Preparation of 4-Methylene-1-cyclohexenes" *J. Org. Chem.* **1973**, *38*, 3961-3963.
15. Snider, B. B. "Lewis Acid Catalysis of Ene Reactions" *J. Org. Chem.* **1974**, *39*, 255-256.
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- 1,6- and 1,7-Enynes by Electron-Withdrawing Substituents." *J. Org. Chem.* **1978**, *43*, 2161-2164.
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- Catalyzed Reactions of Acetylenic Esters with Alkenes. Stereochemistry and Regiochemistry" *J. Org. Chem.* **1980**, *45*, 2773-2785.
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- Synthesis of Chrysanthenone,  $\beta$ -Pinene,  $\beta$ -*cis*-Bergamotene, and  $\beta$ -*trans*-Bergamotene” *J. Org. Chem.* **1985**, *50*, 2809-2810.
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