

BRIEF BIOGRAPHICAL SKETCH, ALLEN M. SCHOFFSTALL

Professional Preparation:

Franklin and Marshall College	Chemistry	B.S., 1960
State University of New York (Buffalo)	Organic Chemistry	Ph.D., 1966
State University of New York (Buffalo)	Organic Chemistry	Post-doctoral; 1965-1966
University of Illinois (Urbana)	Organic Chemistry	NIH Fellow, 1966-1967

Appointments (all in Departments of Chemistry)

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| 1. University of Colorado (UCCS) | Professor, 1977-; Asst-Assoc. Prof., 1967-1977 |
| 2. Emory University, Atlanta, GA | Visiting Professor, 1987-1988; 1989-1990 |
| 3. University of Virginia, Charlottesville, VA, | Visiting Professor, 1977 |
| 4. University of Maryland, College Park, MD | Visiting Associate Professor, 1975-76 |

Publications (1989-Present)

1. Mendes, D. E.; Schoffstall, A.M., Synthesis of terminal alkynes by decarboxylation of 2-alkynylcarboxylic acids, submitted to *Tetrahedron*.
2. Canaria, J. A., Schoffstall, A.M., Weiss, D.J., Henry[¶], R. M., Braun-Sand[¶], S.B. "A model for an introductory undergraduate research experience", submitted to *J. Chem. Educ.*, under revision.
3. Mendes, D. E.; Schoffstall, Citrus peel additives for one-pot triazole formation by decarboxylation, nucleophilic substitution, and azide-alkyne cycloaddition reactions, *J. Chem. Educ.* **2011**, 88, 1582–1585.
4. Gaddis, B.A. ; Schoffstall, A.M., Incorporating guided inquiry learning into the organic chemistry laboratory, *J. Chem. Educ.* **2007**, 84, 848-851.
5. Schoffstall, A.M., Gaddis, B.A., Druelinger, M.L. *Microscale and Miniscale Organic Chemistry Laboratory Experiments*, McGraw-Hill, Boston, **2000**, 612 pp., 1st Ed., ISBN 0-07-237549-3; **2004**, 659 pp., 2nd Ed., ISBN 0-07-242456-7.
6. Schoffstall, A.M., Gaddis, B.A., and Pitman, C.S., *Instructor's Manual and Answer Book for Microscale and Miniscale Organic Chemistry Laboratory Experiments*, McGraw-Hill, Boston, **2000**, 245 pp., 1st Ed., ISBN 0-697-41603-8; **2004**, 270 pp., 2nd Ed., (online) at <http://www.mhhe.com/physsci/chemistry/schoffstall/index2.html>
7. Padwa, A., Chiacchio, U., Garreau, Y., Kassir, J., Krumpe, K.E., and Schoffstall, A.M., Carbonyl ylide cyclizations, *J. Org. Chem.*, **1990**, 55, 414-416.
8. Padwa, A.; Schoffstall, A. M. Intramolecular 1,3-dipolar cycloaddition chemistry *Advances in Cycloaddition*, Volume 2 **1990**, 1-89.
9. Padwa, A., Dent, W., Yeske, P.E. and Schoffstall, A.M., Silyl transfer reactions, *J. Org. Chem.*, **1989**, 54, 4430-4437.
10. Padwa, A., Chiacchio, U., Dean, D., Schoffstall, A.M., Hassner, A. and Murthy, K.S.K., Conversion of functionalized alcohols into tetrahydrofurans, *J. Org. Chem.*, **1989**, 54, 5277-5286.

Scholarly Presentations (2007-2011)

1. Benner, Crystal R.; Schoffstall, A. M. Kinetic study of the reaction of trichloroisocyanuric acid with phenylpropionic acid Abstracts of Papers, 242nd ACS National Meeting & Exposition, Denver, CO, August 28-September 1, (**2011**), CHED-226.

2. Schoffstall, A. M.; Zimmerman, J.; Mendes, D. E.; Benner, C.; Breitmeyer, B. NMR spectroscopy in the general chemistry laboratory. Abstracts of Papers, 242nd ACS National Meeting & Exposition, Denver, CO, August 28-September 1, (2011), CHED-89.
3. Nguyen, H. A.; Schoffstall, A. M. Fluorinated 1,5-disubstituted 1,2,3-triazoles. Abstracts of Papers, 241st ACS National Meeting & Exposition, Anaheim, CA, March 27-31, 2011, CHED-1024.
4. Robertson, W. A.; Knobbe, K. A.; Levulis, S.; Schoffstall, A. M. Synthesis of 1,4-disubstituted triazole derivatives using click chemistry. Abstracts of Papers, 241st ACS National Meeting & Exposition, Anaheim, CA, March 27-31, 2011, CHED-1007.
5. Schoffstall, A. M.; Ruminski, R. R.; Benner, C. R.; Mendes, D. E.; Breitmeyer, B. M. Guided inquiry experiments with Fourier Transform NMR spectroscopy. Abstracts of Papers, 241st ACS National Meeting & Exposition, Anaheim, CA, March 27-31, 2011, CHED-20.
6. Mendes, D.E. and Schoffstall, A. M., *Reactions of 2-alkynylcarboxylic acids and terminal alkynes*, 240th ACS Meeting, Boston MA, August 2010, ORGN 209
7. Schoffstall, A. M., Braun-Sand, S., Henry, R. M., Weiss, D. J. and Canaria, J. A.; *Collaborative undergraduate research methods course*, 240th Natl.ACS Meeting, Boston MA, August, 2010, CHED 69
8. Schoffstall, A., M., *Orchestrating the undergraduate research experience*, 239th National ACS Meeting, San Francisco, CA, March, 2010, YCC Paper 12
9. Benner, C. R., Schoffstall, A. M., *Mechanism of reaction of bleach with phenylpropionic acid derivatives*, 239th National ACS Meeting, San Francisco, CA March 2010, CHED 1181
10. Lopez, A. F.; Schoffstall, A. M., *Halogenation of phenylacetylene*, 239th National ACS Meeting, San Francisco, CA March 2010, CHED 1173
11. Schoffstall, A. M., Gaddis, b. A., Stark, C. A., *Benefits of undergraduate research*, 239th National ACS Meeting, San Francisco, CA March 2010, CHED 153
7. Schoffstall, A.M., *Coordinating and operating the undergraduate research experience*, 237th ACS National Meeting, Salt Lake City, March 22-26, 2009, YCC Paper #24.
8. Schoffstall, A. M., Gaddis, B. A., Padilla, R. and Horner, S. M., *Evaluating the effects of the undergraduate research experience*, 236th ACS National Meeting, Phila., PA, August, 2008, Paper 105, CHED division.
9. Hirsch, T. A., Schoffstall, A.M., *Decarboxylation reactions with alkyne acid derivatives*, 235th ACS National Meeting, New Orleans, LA, April, 2008, Paper 627, CHED division.
10. Mendes, D. E. and Schoffstall, A.M., *Azide Cycloaddition Reactions*, Joint Rocky Mountain Regional ACS/AIChE Meeting, Denver, CO, August 29-31, 2007, Paper 50, ORG division.
11. Anciaux, D. and Schoffstall, A.M., *Copper (I)-catalyzed synthesis of 1,2,3-triazoles by cycloaddition*, 233rd National ACS Meeting, Chicago, IL, March 25-29, 2007, Paper 546, CHED division.

Collaborators

Anderson, David. R., Department of Chemistry, UCCS
 Asirvatham, Margaret, Department of Chemistry, UC Boulder
 Braun-Sand, Sonja, Department of Chemistry, UCCS
 Druelinger, Melvin L., Department of Chemistry, Colorado State University-Pueblo
 Gaddis, Barbara A., Science Learning Center and Recruitment/Retention, UCCS
 Henry, Renee, Department of Chemistry, UCCS
 Kalita, Jugal, Dept. of Electrical and Computer Engineering, UCCS
 Kresheck, Gordon, Department of Chemistry, UCCS
 Owens, Janel, Department of Chemistry, UCCS
 Padwa, A. Department of Chemistry, Emory University,
 Ruminski, Ronald R., Department of Chemistry, UCCS
 Staley, Constance, Department of Communication, UCCS
 Undergraduate and Graduate UCCS Student Collaborators on Laboratory Projects
 Weiss, David, Department of Chemistry, UCCS
 Wilkes, John, Department of Chemistry, US Air Force Academy

Current Grants

1. Merck Foundation grant for interdisciplinary research, 2009-2012, \$60,000.00, Co-PI: Students rotate through the research laboratory and experience an original synthetic project.
2. Guided Inquiry NMR Project, NSF, ends in 2012, \$149,431.00, PI of the project, including development of a lab experiment for Chem. 1060 (Oil of Wintergreen) and an experiment for Chem. 3380 (epoxide project) with the assistance of B. Breitmeyer and D. Mendes. See: http://www.uccs.edu/~chemistry/about_nsf_nmr.html.

Pending Grant (NSF)

1156932 Research Experience for Undergraduates: Green Chemistry in Colorful Colorado	Pending Co-PI	08/25/2011	08/24/2011 submitted	\$356,589.00
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Committee Service

College: EAS Dean's Review Committee, 2011-2012
 University: Graduate Executive Committee Nelson 2011-2012
 College: Honors Program Advisory Committee Hackman Spring 2010
 University: Intercollegiate Athletic Advisory Committee: Interim chair, 2011-2012
 University: New Program Review Committee, 2011-2012
 Department: Primary Committee Chair for Dr. Sonja Braun-Sand, Feb-March 2010
 University: University Budget Advisory Committee; Chair for Spring 2011 and Spring 2012
 College: College Budget Advisory Committee, 2011-2012
 University: UCCS Basketball Booster Committee; co-Chair, 2011-2012
 Department: Department Assessment report coordinator, 2010-2011
 Department: Chemistry Graduate Program Director 2011-2012
 Department: Thesis committee chair, Ms. Desiree M. Mendes, May, 2011.
 University: Mentoring faculty: Dr. Genya Killian, Biology, co-mentor
 University: Admissions Department student adviser search committee, 2011-2012.
 University: Online programs coordination committee, 2011

Serving as Research Adviser-2010-2011

1. Al Marle III, Bachelor's, Senior, 1,4-Triazoles, Fall, 2010
2. Amy Sylvester, Bachelor's, Junior, Triazole synthesis using additive reductants, Summer and Fall, 2010
3. Brian Litch, Bachelor's, Senior, Chloroalkyne synthesis (CSURF presenter), Spring 2010
4. Christina Stark, Master's, Polyene syntheses using Grignards, Spring and Fall, 2010
5. Crystal Benner, Bachelor's, Junior, TCICA reaction with propiolic acids, (National ACS presenter, San Francisco. 2010
6. Desiree Mendes, Master's, Triazole synthesis and decarboxylation of alkynoic acids using Cu catalysis (Regional ACS presenter, Spokane), 2010
7. Erin Barnett, Master's, 1,4-Triazoles, 2010-2011
8. Huy Nguyen, Bachelor's, Senior, 1,5-Triazoles, 2010
9. Kirstin Knobbe, Bachelor's, Senior, Disubstituted and fluorinated triazoles, 2010-2011
10. Roberto Padilla, Bachelor's, Junior, Isoxazoline synthesis, Spring and summer 2010
11. Seth Levulis, Bachelor's, Senior, Triazole preparations Spring 2010
12. Susan Wilds, Master's, Triazole synthesis Summer and Fall, 2010
13. Wes Robertson, unclassified Graduate, Triazoles with fluorine substituents, 2010-2011

14. Joann Mueller, Merck scholar, hydroxylated triazoles via decarboxylation, 2011
15. Marcus Calvin, Merck scholar, triazoles via decarboxylation, 2011
16. Brayden Hamill, Merck scholar, triazole synthesis, 2011
17. Stephanie Kirchoff, triazole synthesis, 2011
18. Wynne Reis, triazole synthesis, 2011