

Curriculum Vitae
Ryan Ashok Shenvi

Faculty Appointments

Current The Scripps Research Institute
 Department of Chemistry
 10550 North Torrey Pines Road, BCC 420
 La Jolla, CA 92037
 Email: rshenvi@scripps.edu
 Phone: 858-784-8415

2014 – Associate Professor with tenure

2010 – 2014 Assistant Professor

Education

2008 – 2010 NIH Ruth L. Kirschstein Postdoctoral Fellow
 Advisor: Professor Elias J. Corey
 Harvard University

2003 – 2008 Ph.D. Organic Chemistry
 NDSEG Predoctoral Fellow
 Advisor: Professor Phil S. Baran
 The Scripps Research Institute, La Jolla, California

1999 – 2003 B.S. with Honors and Distinction in Chemistry
 Schreyer's Scholar
 Advisor: Professor Raymond L. Funk
 The Pennsylvania State University, University Park, Pennsylvania

Awards

- Society of Synthetic Organic Chemistry (Japan) Lectureship Award, 2017
- NPR Emerging Investigator, 2016
- Eli Lilly Grantee Award, 2015
- Novartis Early Career Award, 2014-2016
- Bristol-Myers-Squibb Grant in Synthetic Organic Chemistry, 2014-2016
- Sloan Research Fellowship, 2014
- NSF Career Award, 2014
- Baxter Young Investigator Award, 2013
- Amgen Young Investigator Award, 2013
- Thieme Chemistry Journal Award, 2012
- Boehringer-Ingelheim Young Investigator Award, 2012
- Eli Lilly New Faculty Award, 2011

- NIH Ruth L. Kirschstein Postdoctoral Fellowship, Harvard University, 2008–2010
- Roche Symposium: Excellence in Chemistry, 2007
- Lesly Starr Shelton Award for Excellence in Chemistry Graduate Studies, 2007
- Poster Session Winner, TSRI Scientific Retreat, 2006
- NDSEG Predoctoral Fellowship, Scripps, 2005–2008
- Penn State University Sponsors Poster Session, Undergraduate Winner, 2003
- Pfizer Summer Undergraduate Research Fellowship, 2002
- John and Elizabeth Holmes Teas Scholarship, 2001
- William G. and Elizabeth K. Leitzell Scholarship, 2000
- National Merit Corporate Scholarship, 1999–2003

Publications (the Shenvi Lab website updates this list more frequently)

39. Ohtawa, M.; Krambis, M. J.; Cerne, R.; Schkeryantz, J.; Witkin, J. M.; Shenvi, R. A.* Synthesis of (–)-11-*O*-Debenzoyletashironin: Neurotrophic Sesquiterpenes Cause Hyperexcitation, *J. Am. Chem. Soc.* **2017**, *139*, 9637–9644.
- Among top 20 most read publications in *J. Am. Chem. Soc.* for July **2016**.
38. Reiher, C. A.; Shenvi, R. A.* Stereocontrolled Synthesis of Kalihinol C, *J. Am. Chem. Soc.* **2017**, *139*, 3647–3650.
- Highlighted by Erick Carreira and Robert Gillespie in *Synfacts* **2017**, *13*, 567.
37. Green, S. A.; Matos, J. L. M.; Yagi, A.; Shenvi, R. A.* Branch-Selective Hydroarylation: Iodoarene-Olefin Cross Coupling, *J. Am. Chem. Soc.* **2016**, *138*, 12779–12782.
- #4 most accessed article in *J. Am. Chem. Soc.* for September **2016**.
 - Highlighted in *Org. Process Res. Dev.* **2016**, *20*, 1839–1849.
36. Crossley, S. W. M.; Martinez, R. M.; Obradors, C.; Shenvi, R. A.* Mn, Fe, and Co-Catalyzed Radical Hydrofunctionalizations of Olefins, *Chem. Rev.* **2016**, *116*, 8912–9000.
35. Tada, N.; Jansen, D. J.; Mower, M. P.; Blewett, M. M.; Umotoy, J. C.; Cravatt, B. F.; Wolan, D. W.; Shenvi, R. A.* Synthesis and Sulfur Electrophilicity of the *Nuphar* Thiaspirane Pharmacophore, *ACS Cent. Sci.* **2016**, *2*, 401–408.
- Highlighted by Lisa Marcaurelle and Mark Mulvihill in First Reactions, A(CS)₂:
DOI: 10.1021/acscentsci.6b00166
34. Lu, H.-H.; Pronin, S. V.; Antonova-Koch, Y.; Meister, S.; Winzeler, E. A.; Shenvi, R. A.* Synthesis of (+)-7,20-Diisocyanoadociane and Liver Stage Antiplasmodial Activity of the ICT Class, *J. Am. Chem. Soc.* **2016**, *138*, 7268–7271.

33. Crossley, S. W. M.; Martinez, R. M.; Zuluaga, S. G.; Shenvi, R. A.* Synthesis of the Privileged 8-Arylmenthol Class by Radical Arylation of Isopulegol, *Org. Lett.* **2016**, *18*, 2620–2623.
32. Obradors, C. L.; Martinez, R.; Shenvi, R. A.* Ph(i-PrO)SiH₂: An Exceptional Reductant for Metal-Catalyzed Hydrogen Atom Transfers, *J. Am. Chem. Soc.* **2016**, *138*, 4962–4971.
31. Shenvi, R. A.* Neurite Outgrowth Enhancement by Jiadifenolide: Possible Targets, *Nat. Prod. Rep.* **2016**, *33*, 535–539.
30. Shenvi, R. A. Reinventing Radical Reactions, *SynLett Cluster* (Ed. T. Rovis and R. A. Shenvi), Thieme, **2016**, *27*, 678–679.
29. Wan, K. K.; Shenvi, R. A.* Conjuring a Supernatural Product – Delmarine, *SynLett* (invited Accounts), **2016**, *27*, 1145–1164.
28. Tabor, M. G.; Shenvi, R. A.* Synthesis of Lepadiformine Using a Hydroamination Transform, *Org. Lett.* **2015**, *17*, 5776.
27. Crossley, S. W. M.; Shenvi, R. A. A Longitudinal Study of Alkaloid Synthesis Reveals Functional Group Interconversions (FGIs) as Bad Actors, *Chem. Rev.* **2015**, *115*, 9465–9531.
26. Lu, H.-H.; Martinez, M. D.; Shenvi, R. A.* An Eight-Step Gram-Scale Synthesis of (–)-Jiadifenolide, *Nature Chem.* **2015**, *7*, 604–607.
 - #1 most read article, June-July 2015.
 - Highlighted in Chemistry World, July 27, 2015
25. Wan, K. K.; Shenvi, R. A. Polyene Cyclizations in “Applications of Domino Transformations in Organic Synthesis 1,” (Ed. Scott Snyder), *Science of Synthesis*, **2015**.
24. Roach, J. J.; Shenvi, R. A.* Supramolecular Catalysis: Terpenes in Tight Spaces, *Nature Chem.* (News and Views) **2015**, *7*, 187–189.
23. Wan, K. K.; Iwasaki, K.; Umotoy, J. C.; Wolan, D.; Shenvi, R. A.* Nitrosopurines en route to Potent Asmarine Cytotoxins, *Angew. Chem. Int. Ed.* **2015**, *54*, 2410–2415.
22. Shenvi, R. A.*; Schnermann, M. J. Syntheses and Biological Studies of Marine Terpenoids Derived from Inorganic Cyanide, *Nat. Prod. Rep.* **2015**, *32*, 543–577.
 - Selected for front cover of issue.
21. Crossley, S. W. M.; Barabé, F.; Shenvi, R. A.* Simple, Chemoselective, Catalytic Olefin Isomerization, *J. Am. Chem. Soc.* **2014**, *136*, 16788–16791.

- #8 most accessed article in *J. Am. Chem. Soc.* for December **2014**.
 - Highlighted by A. Simonneau and M. Oestreich in *ACIEE* **2015**, 54, 2-5.
20. Jansen, D. J.; Shenvi, R. A.* Synthesis of Medicinally Relevant Terpenes: Reducing the Cost and Time of Drug Discovery, *Future Med. Chem.* **2014**, 6, 1127. PMID# PMC4162426
19. Iwasaki, K.; Wan, K. K.; Oppedisano, A.; Crossley, S. W. M.; Shenvi R. A.* Simple, Chemoselective Hydrogenation with Thermodynamic Stereocontrol, *J. Am. Chem. Soc.* **2014**, 136, 1300–1303. PMID# PMC3951266
- Thomson-Reuters Highly Cited Paper (*received enough citations to place it in the top 1% of its academic field as of January/February 2015*)
 - Highlighted by Carmen Drahl in *C&EN* **2014**, 92, 9.
 - #4 most accessed article in *J. Am. Chem. Soc.* for January **2014**.
18. Pronin, S. V.; Reiher, C. A.; Shenvi, R. A.* Stereoconversion of Tertiary Alcohols to Tertiary-Alkyl Isonitriles and Amines, *Nature* **2013**, 501, 195–199.
- Selected for highlight in *C&EN's "2013's Notable Advances"* **2013**, 91, 15.
 - Highlighted by Beth Halford in *C&EN* **2013**, 91, 8.
 - Highlighted by Stephen Davey in *Nature Chemistry* **2013**, 5, 808.
 - Highlighted by A. Räder, K. Tiefenbacher: *Angew. Chem. Int. Ed.* **2013**, 52, 2.
 - Highlighted by Kira Welter in *ChemPhysChem* **2013**, 14.
 - Highlighted by Cynthia Challener: *Speciality Chemicals*, December **2013** issue.
 - Highlighted by Matteo Zanda as a *Synform* **2014**, 1, A3.
17. Jansen, D. J.; Shenvi, R. A.* Synthesis of (–)-Neothiobinupharidine, *J. Am. Chem. Soc.* **2013**, 135, 1209–1212.
- #2 most accessed article in *J. Am. Chem. Soc.* for January **2013**.
 - #8 most accessed article in *J. Am. Chem. Soc.* for **2013**.
 - Highlighted by Erick Carreira and Oliver Jeker in *SynFacts* **2013**, 9, 359.
16. Pronin, S. V.; Shenvi, R. A.* Synthesis of a Potent Antimalarial Amphilectene, *J. Am. Chem. Soc.* **2012**, 134, 19604–19606.
- In top ten most accessed articles in *J. Am. Chem. Soc.* for November **2012**.
 - Highlighted by Erick Carreira and Simon Krautwald in *SynFacts* **2013**, 9, 235.
15. Pronin, S. V.; Shenvi, R. A.* Synthesis of Highly Strained Terpenes by Nonstop Tail-to-Head Polycyclization, *Nature Chem.* **2012**, 4, 915–920.
- Highlighted by Matteo Zanda in *SynForm* **2013**, A19–A20
 - Highlighted by Nicholas Green and Mick Sherburn in the inaugural Beckwith Review: *Aust. J. Org. Chem.* **2013**, 66, 267–283.
 - Highlighted by Cynthia Challener: *Speciality Chemicals*, June **2013** issue.

14. Pronin, S. V.; Tabor, M. G.; Jansen, D. J.; Shenvi, R. A.* A Stereoselective Hydroamination Transform to Access Polysubstituted Indolizidines, *J. Am. Chem. Soc.* **2012**, *134*, 2012–2015.
 - In top ten most accessed articles of *J. Am. Chem. Soc.* for January **2012**.
 - Highlighted in *Nature Chemistry*, May 2012.
13. Shi, J; Manolikakes, G.; Yeh, C.-H.; Guerrero, C. A.; Shenvi, R. A.; Shigehisa, H.; Baran, P. S. Scalable Synthesis of Cortistatin A and Related Structures, *J. Am. Chem. Soc.* **2011**, *133*, 8014–8027.
12. Shenvi, R. A.; Corey, E. J. Synthetic Access to Bent Polycycles via Cation- π Cyclization, *Org. Lett.* **2010**, *12*, 3548–3551.
11. Shenvi, R. A. *N*-Hydroxybenzenesulfonamide, *Encyclopedia of Reagents for Organic Synthesis*, John Wiley & Sons, Ltd., 2010.
10. Shi, J.; Shigehisa, H.; Guerrero, C. A.; Shenvi, R. A.; Li, C.-C.; Baran, P. S. Stereodivergent Synthesis of 17- α and 17- β -Aryl Steroids: Application and Biological Evaluation of D-Ring Cortistatin Analogues, *Angew. Chem. Int. Ed.* **2009**, *48*, 4328–4331.
 - In top ten most accessed articles of ACIE in May 2009.
9. Shenvi, R. A.; Corey, E. J. A Short and Efficient Synthesis of (-)-7-Methylomuralide, a Potent Proteasome Inhibitor, *J. Am. Chem. Soc.* **2009**, *131*, 5746–5747.
 - #2 Most Read Article in *J. Am. Chem. Soc.* for April **2009**.
8. Shenvi, R. A.; O'Malley, D. P.; Baran, P. S. Chemoselectivity: The Mother of Invention in Total Synthesis, *Acc. Chem. Res.* **2009**, *42*, 530–541.
7. Shenvi, R. A. (2008). Pure and Applied Science in the Chemical Syntheses of Marine Alkaloids Chartelline C and Cortistatin A. Thesis (Ph.D.) The Scripps Research Institute, 2008.
6. Shenvi, R. A.; Guerrero, C. A.; Shi, J.; Li, C.-C.; Baran, P. S. Synthesis of (+)-Cortistatin A, *J. Am. Chem. Soc.* **2008**, *130*, 7241–7243.
 - #1 Most Accessed Article in *J. Am. Chem. Soc.* for all of **2008**.
 - Highlighted in *Nature Chemistry*, May 2008.
 - Highlighted in *Chem. Eng. News*, 86, May 26, 2008.
 - Highlighted in *Angew. Chem. Int. Ed.* **2008**, *47*, 9389–9391.
 - “SynFact of the Month,” *Synfacts* **2008**, *11*, 1127.
5. Baran, P. S.; Shenvi, R. A. Total Synthesis of (\pm)-Chartelline C, *J. Am. Chem. Soc.* **2006**, *128*, 14028–14029.

• #1 Most Accessed Article in *J. Am Chem. Soc.*, Oct.–Dec. **2006**.

4. Baran, P. S.; Shenvi, R. A.; Nguyen, S. A. One-Step Synthesis of 4,5-Disubstituted Pyrimidines Using Commercially Available and Inexpensive Reagents, *Heterocycles* **2006**, *70*, 581–586.
3. Baran, P. S.; Shenvi, R. A.; Mitsos, C. A. A Remarkable Ring Contraction En Route to the Chartelline Alkaloids, *Angew. Chem. Int. Ed.* **2005**, *44*, 3714–3717.
2. Shenvi, R. A.; Funk, R. L. An Approach to the Synthesis of the Potent Antimicrotubule Agent Ottelione (RPR112378). Thesis (B.S.) Pennsylvania State University, 2003.
1. Ababou, A.; Shenvi, R. A.; Desjarlais, J. R. Long-Range Effects on Calcium Binding and Conformational Change in the N-Domain of Calmodulin, *Biochemistry* **2001**, *40*, 12719–12726.

Patents

1. Shenvi, R. A.; Guerrero, C. A.; Shi, J.; Li, C.-C.; Baran, P. S. Synthesis of (+)-Cortistatin A and Related Compounds, International Patent Application No. PCT/US09/42394.
2. Shi, J.; Shigehisa, H.; Guerrero, C. A.; Shenvi, R. A.; Li, C.-C.; Baran, P. S. Stereoselective Synthesis of 17- α and 17- β -Aryl Steroidal Compounds, International Patent Application No. PCT/US09/42404.
3. Crossley, S. W. M.; Barabé, F.; Shenvi, R. A. Simple, Chemoselective, Catalytic Olefin Isomerization, Provisional Patent Serial number: 62/078140.

Teaching Experience

- Scripps' Kellogg Graduate School Faculty Member
 - Classics in Total Synthesis, 2011–current
 - Modern Organic Synthesis, 2012–current
- Teaching Assistant, Heterocycles (Scripps), 2006
- Teaching Assistant, Modern Organic Synthesis I (Scripps), 2004
- Teaching Assistant, Chem 35 Organic Chemistry Lab (PSU), 2002

Invited Lectures

1. 35th SSOC, Tendo, Japan (September 18-20) **2018 Lectureship Award**
2. Florida Heterocycles, Gainesville, FL (March 4-7, 2018) **Plenary Lectureship**
3. Dartmouth College, Hanover, NH (February 22, 2018)
4. McGill University, Montreal, Que., Canada (February 27, 2018)
5. ISONIS-11, Awaji Island, Japan (November 15-17, 2017) **Invited Lecture**
6. GSK, King of Prussia, PA (September 8, 2017)

7. GRC: Natural Products, Bioactive Compounds (August 2-3, 2017) *Invited Talk*
8. Dart Neuroscience, San Diego, CA (July 25, 2017)
9. University of Geneva, Switzerland (May 12, 2017) *SCS Lectureship*
10. EPFL Lausanne, Switzerland (May 11, 2017) *SCS Lectureship*
11. University of Bern, Switzerland (May 10, 2017) *SCS Lectureship*
12. University of Zurich, Switzerland (May 9, 2017) *SCS Lectureship*
13. University of Basel, Switzerland (May 8, 2017) *SCS Lectureship*
14. Novartis, Switzerland (May 8, 2017) *Swiss Chemical Society (SCS) Lectureship*
15. Brigham Young University, Provo, UT (March 9, 2017)
16. Dow AgroSciences (DAS), Indianapolis, IN (Nov. 5, 2016)
17. University of Chicago, Chicago, IL (Oct. 21, 2016)
18. GRC: Organic Reactions and Processes, *Invited Talk* (July 17-22, 2016)
19. Balticum Organicum Syntheticum (BOS), *Plenary Lecture*, Riga, Latvia (July 3-6, 2016)
20. Janssen Pharmaceutica, *Dr. Paul Janssen Lecture*, Beerse, Belgium (July 1, 2016).
21. Tetrahedron Symposium, *Invited Lecture*, Barcelona, Spain (June 28-30, 2016)
22. Duke University, Durham, NC (May 24, 2016)
23. *BMS Award Symposium*, Princeton, NJ (April 21, 2016)
24. Biogen, Cambridge, MA (April 20, 2016)
25. Harvard University, *Eli Lilly Symposium*, Cambridge, MA (April 19, 2016)
26. Stanford University, Palo Alto, CA (April 20, 2016)
27. University of Toronto, Ontario, Canada (April 22, 2016)
28. ACS National Meeting, *E. J. Corey Award Symposium*, San Diego, CA (March 13-17, 2016)
29. *Eli Lilly Young Investigator Symposium*, Indianapolis, IN (March 7, 2016)
30. Emory University, Atlanta, GA (February 10, 2016)
31. UC Irvine, CA (January 13, 2016)
32. Pacificchem 2015, Honolulu, HI (December 15, 2015)
33. University of Utah (November 19, 2015)
34. Abbvie Process, Chicago, IL (November 13, 2015)
35. Boston College (November 6, 2015)
36. University of Michigan, *Merck Lectureship* (October 19, 2015)
37. Shanghai Institute of Technology, Shanghai, China (October, 2015)
38. Nankai University, Tianjin, China (October, 2015)
39. Peking University, Beijing, China (October, 2015)
40. Memorial Sloan Kettering Cancer Center (September 29, 2015)
41. San Diego State University (September 25, 2015)
42. University of Southern California, Los Angeles, CA (September 16, 2015)
43. Princeton University, Princeton, NJ (September 10, 2015)
44. Janssen Research and Development, La Jolla, CA (July 30, 2015)
45. ACS GRS, UT Austin, TX (July 22, 2015)
46. AstraZeneca, Boston, MA (July 9, 2015)
47. CSC Innovation in Total Synthesis Symposium, Ottawa, Canada (June 15, 2015)
48. CSC Advances in Synthetic Methods, Ottawa, Canada (June 15, 2015)
49. Firmenich, Geneva, Switzerland (May, 2015)
50. *Novartis Young Investigator Award Symposium*, Basel, Switzerland (June, 2015)
51. Union Chimique Belge (UCB), Slough, United Kingdom (May, 2015)
52. Boehringer Ingelheim, Biberach, Germany (May 21, 2015)

53. Sanofi, Frankfurt, Germany (May 20, 2015)
54. Technische Universität München, Germany (May 19, 2015)
55. University of Munich, Germany (May 18, 2015)
56. Universität Münster, Germany (May, 2015) *Visiting Professor*
57. Massachusetts Institute of Technology, Boston, MA (May 7, 2015)
58. Bristol-Myers Squibb Award Symposium, Lawrenceville, NJ (April, 16, 2015)
59. Georgia Institute of Technology, Atlanta, GA (April 10, 2015)
60. UNC Chapel Hill, Raleigh, NC (April 9, 2015)
61. Vanderbilt University, Nashville, TN (April 8, 2015)
62. DuPont, Newark, DE (March 27, 2015)
63. Philadelphia Organic Chemistry Club, Philadelphia, PA (March 26, 2015)
64. Ohio State University, Columbia, OH (March 25, 2015)
65. ACS Spring National Meeting *J. W. Coe Award Symposium*, Denver, CO (March 24, 2015)
66. University of Washington, Seattle, WA (February 25, 2015)
67. University of Illinois, Urbana-Champaign (February 23, 2015)
68. University of Wisconsin, Madison, WI (February 11, 2015)
69. Colorado State University *BMS Lectureship*, Fort Collins, CO (February 9, 2015)
70. Genentech, South San Francisco, CA (December 9, 2014)
71. Ben Gurion University, Beer-Sheva, Israel (December 2, 2014)
72. The Technion, Haifa, Israel (December 1, 2014)
73. Tel Aviv University, Tel Aviv, Israel (November 30, 2014)
74. UCLA, Los Angeles, CA (November 13, 2014)
75. UC Berkeley, Berkeley, CA (October 7, 2014)
76. Cal State Long Beach, Los Angeles, CA (October 1, 2014)
77. The Scripps Research Institute Florida, Jupiter, FL (September 25, 2014)
78. Merck Research Laboratories, Rahway, NJ (September 18, 2014)
79. Eli Lilly, Indianapolis, IN (August 22, 2014)
80. GRC: Heterocyclic Compounds, *Invited Talk*, Newport, RI (June 2014)
81. UTSW *Excellence in Chemistry Symposium*, Dallas, TX (May, 2014)
82. Yale University, Aldrich Lectureship, New Haven, CT (May, 2014)
83. Pfizer, Groton, CT (May, 2014)
84. Penn State University, State College, PA (April, 2014)
85. Cubist Pharmaceuticals, Lexington, MA (April, 2014)
86. Novartis, Cambridge, MA (April, 2014)
87. Boston University *Novartis Lectureship*, Boston, MA (April, 2014)
88. Gilead Sciences, Foster City, CA (March, 2014)
89. TSRI 2014 Desert Meeting, Palm Springs, CA (February, 2014)
90. Pfizer, La Jolla, CA (February, 2014)
91. Claremont Colleges, CA (February, 2014)
92. UCSD, La Jolla, CA (February, 2014)
93. Vertex Pharmaceuticals, San Diego, CA (November, 2013)
94. Amgen Young Investigator Symposium, Thousand Oaks, CA (October 2013)
95. ACS Western Regional Meeting, Cope Award Symposium, Santa Clara, CA (October, 2013)
96. ACS National Meeting, D. L. Boger Award Symposium, Indianapolis, IN (September, 2013)
97. Bristol Myers Squibb, New Brunswick, NJ (August 2013)

98. Bristol Myers Squibb, Wallingford, CT (August 2013)
99. Bristol Myers Squibb, Lawrenceville, NJ (August 2013)
100. Celgene Corporation, San Diego, CA (July 2013)
101. 16th Annual San Diego MedChem Symposium, UCSD (July 2013)
102. Encinitas Rotary Club, Encinitas, CA (May 2013)
103. TSRI SURF Lecture Series Speaker, TSRI (June 2013)
104. SynCon 2013, TSRI, La Jolla, CA (May 2013)
105. Montana State University, Bozeman, MT (May 2013)
106. Abbvie Inc., Chicago, IL (April 2013)
107. Boehringer Ingelheim, Ridgefield, CT (April 2013)
108. GNF, La Jolla, CA (November 2012)
109. SynConn 2012, UCSB, Santa Barbara, CA (May 2012)
110. SynConn 2010, CalTech, Pasadena, CA (May 2010)
111. The Scripps Research Institute, La Jolla, CA (January 2010)
112. Yale University, New Haven, CT (December 2009)
113. University of Pennsylvania, Philadelphia, PA (November 2009)
114. Yale University, New Haven, CT (June 2009)
115. The Scripps Research Institute, La Jolla, CA (May 2009)
116. Harvey Mudd College (November 2006)

Research Support

Ongoing Research Support

- R35 GM122606 Shenvi (PI)
04/01/2017 – 03/31/2022
NIH Maximizing Investigators' Research Award – “Unusual Pharmacophores and New Tools for Cross-Coupling”
- CHE – 1352587 Shenvi (PI)
04/01/2014 – 03/31/2019
NSF Grant – “CAREER: Stereoselective manipulation of unstabilized carbocations”

Completed Research Support

- R01 GM105766 Shenvi (PI)
09/01/2013 – 05/31/2017
NIH Research Project Grant – “Synthesis of Antimalarial ICTs Using Biosynthetic Logic”
- R01 GM104180 Shenvi (PI)
07/01/2013 – 03/31/2017
NIH Research Project Grant – “New Methods and Strategies for the Synthesis of Anticancer Alkaloids”
- ADI Research Grant, The Scripps Research Institute Shenvi (PI)
05/17/10-05/17/13
- ADI Training Grant, The Scripps Research Institute Shenvi (PI)
05/17/10-05/17/13
- 1F32GM085931-01 Shenvi (PI)
07/23/08-05/07/10
NIH Research Training Award – “Synthesis of nuphar thiophane dimers: developing pertinent chemical methods”