



*COLLEGE OF WILLIAM AND MARY*  
*Curriculum Vitae*

**ROBERT J. HINKLE**

27 November 2013

**OFFICE ADDRESS:** Department of Chemistry  
2049 Integrated Science Center  
The College of William and Mary  
Williamsburg, VA 23187  
(757) 221-1501  
e-mail: [rjlink@wm.edu](mailto:rjlink@wm.edu)  
web: <http://wmpeople.wm.edu/site/page/rjlink/people>

**POSITION:**

Professor, August 2011 to present.

**DEPARTMENT:** Chemistry

**EDUCATION**

Ph. D. in Organic Chemistry: Univ. of Utah, 1994–Peter J. Stang, Distinguished Professor.  
Thesis Title: *Conjugated Enynes and Dienes: Platinum Model Studies of Proposed Catalytic Intermediates and New Synthetic Methods.*

A. B.: Bowdoin College, 1986. *Cum Laude, Summa Cum Laude* in Chemistry.

**ACADEMIC POSITIONS**

**Professor of Chemistry**, College of William and Mary; August 2011 to present.  
**Visiting Scholar**, Indiana University under invitation of Professor P. Andrew Evans; July 2002 to December 2002.  
**Associate Professor of Chemistry**, College of William and Mary; August 2002 to August 2011.  
**Assistant Professor of Chemistry**, College of William and Mary; August 1996 to August 2002.  
**Research Scientist**, University of California, Irvine; 12 January 1996 to 15 July 1996.  
**National Institutes of Health Postdoctoral Fellow**, University of California, Irvine; January 1994 to January 1996. Larry E. Overman as advisor.

**HONORS, PRIZES AND AWARDS**

NSF–*Invited Participant (ONLY PUI faculty member of 20—19 from R01 Institutions)*  
In Workshop on Organic Synthesis and Natural Products Chemistry, 2008.  
**Henry Dreyfus Teacher-Scholar Award, \$60,000**, October 2002 to October 2007.  
*Gordon Research Conference (Organic Reactions and Processes) Poster Award, 2007.*  
**NSF Early CAREER Award**, 1999.  
Honorary Member of Eta Sigma Pi Honor Society.  
Honorary Member of Phi Eta Sigma Honor Society.  
Phi Kappa Phi, The University of Utah; April 1993.  
Stauffer Scholarship for Academic Excellence, University of Utah; April 1988, \$250.

## COURSES TAUGHT

|   |   |
|---|---|
| Chemistry 150W/275W: Beyond Petroleum as a Fuel           | F, '06, '07, '10, '11                     |
| Chemistry 206; Organic Chemistry I                        | S, '04, '05, & 06, '11-'13                |
| Chemistry 209; Organic Chemistry II for Concentrators.    | F, '96 - '01, '08, '12, '13               |
| Chemistry 457; Organic Synthesis (Senior Level course)    | S, '00-'02 and '03 - 2009                 |
| Chemistry 657; Organic Synthesis (Master's Level course). | S, '98-'01 and '03 - 2009                 |
| Chemistry 252; Organic Laboratory I.                      | S, '97-'00, '04, '05,<br>'08-'09, '11-'12 |
| Chemistry 252; Organic Laboratory I ( <b>IN CHARGE</b> ). | S, '01, '02, '05, '06, '07                |
| Chemistry 291; Undergraduate Research                     | F, '96 to present                         |
| Chemistry 353; Organic Laboratory II.                     | F, '97-'01, '05-'09, '11-'13'             |
| Chemistry 353; Organic Laboratory II( <b>IN CHARGE</b> ). | F, '03-'07, '11, '13                      |
| Chemistry 409; Senior Research.                           | F, '97 to present                         |
| Chemistry 495/6; Honors Research.                         | F, '96 to present                         |
| Chemistry 320; Introduction to Research                   | F, '96 to present                         |

## FELLOWSHIPS AND GRANTS

### *Contributions to Other William & Mary Grant Proposals*

- 1) **NSF MRI:** "Acquisition-Upgrade of a 400 MHz Nuclear Magnetic Resonance Spectrometer to Facilitate Research and Improve Student Research and Education," Christopher Abelt as lead P.I. of this proposal. Submitted February 2013, **Awarded**.
- 2) **NSF** "Purchase of an NMR Spectrometer," Christopher Abelt as lead P.I. of this proposal. Submitted January 2012, Not funded.
- 3) **Department of Energy** (Manos and Cooke as P.I.s), "Sustainable Algal Production and Environmental Remediation," Appropriation for \$625,000 for August 2010 to July 2011. Hinkle portion was \$30K for analyses of algal degradation products and carbohydrate contents.
- 4) **NSF** "Purchase of an NMR Spectrometer," Christopher Abelt as lead P.I. of this proposal. Submitted June 2010, Not Funded.
- 5) **StatoilHydro Proposal:** WILLIAM AND MARY RESEARCH INSTITUTE (WMRI): *An Integrated Research Program for Algal Energy and Environmental Remediation. Total Budget = \$2 Million; RJH portion in overall budget is \$40,000 for analyses, equipment as well as PI and undergraduate student salaries Awarded, 2010.*
- 6) **StatoilHydro Proposal:** WILLIAM AND MARY RESEARCH INSTITUTE (WMRI): *An Integrated Research Program for Algal Energy and Environmental Remediation. Total Budget = \$1 Million; RJH portion in overall budget is \$80,309 for analyses, equipment as well as PI and student salaries. Awarded, 2009.*
- 7) **NSF** "Purchase of an X-ray Diffractometer," Robert D. Pike as lead investigator of this proposal submitted 25 June 2004. **Awarded**.

- 8) **Howard Hughes Medical Institute** grant (Margaret Saha, P.I.), 1998; **Awarded \$88,353** (of ~ \$1.5 million total) was to develop microscale and computational experiments for the Organic Chemistry laboratories. Joint project with former colleague, Kathleen M. Morgan (chemistry).
- 9) Pedagogical Grant Proposal, University Fellowship Funds of William and Mary, "Modernization of Organic Chemistry Laboratory." Kathleen Morgan with Robert J. Hinkle and Christopher J. Abelt as collaborators. Each **awarded \$800.00** stipends for development of laboratory exercises.

#### *Individual Grant Proposals While at William & Mary*

- 1) National Science Foundation, "Cyclic Oxocarbenium Ions: Stereoselectivity of Additions and Development of an Alkynyl-Prins Cascade.," Requested **\$379,280** for period of 01 September 2014 to 31 August 2017—Pending.
- 2) National Institutes of Health, AREA (R15), "Alkynyl-Prins Cascade to Tricyclic Heterocycles: Studies of the Mechanism and Scope," **Requested \$355,252** for period of 01 May 2014 to 31 April 2017—Pending.
- 3) National Institutes of Health, AREA (R15) RENEWAL of Proposal 4 below. "Bi(III)-Initiated Chemistry: Mechanistic Investigations of Catalytic Activity," **Requested \$324,302** for period of 01 May 2011 to 31 April 2014—Not Funded.
- 4) National Science Foundation, "Tuning Oxocarbenium Ion and Acyl Iminium Ion Reactivity and Stereoelectronics," Requested \$340,622 for period of 6/1/2010 to 5/31/2013, **Awarded \$239,000** for 01 September 2010 to 30 August 2013.
- 5) National Institutes of Health, AREA, "Bi(III)-Initiated Chemistry: Mechanistic Investigations of Catalytic Activity,". **Awarded \$212,092** for period of 01 May 2007 to 31 April 2011.
- 6) Research Corporation, "Bi(III)-Catalyzed Tandem Addition and Silyl-Prins Cyclization Reaction Mechanisms," Submitted 19 November 2006 for \$33,589 for two years; **RECOMMENDED FOR FUNDING, BUT WITHDRAWN DUE TO NIH AWARD ABOVE (item 4).**
- 7) Henry Dreyfus Teacher-Scholar Award, \$60,000, October 2002 to October 2007.
- 8) Thomas F. and Kate Miller Jeffress Memorial Trust, "Establishing the Role of Catalytic Quantities of Bi(III) Reagents in Organic Transformations," Submitted 01 September 2006—*withdrawn due to remaining funding in previous Jeffress Award.*
- 9) National Science Foundation, "Bi(III)-Initiated Chemistry: Stereoselectivity Studies and Silyl-Prins Reactions," Submitted 15 January 2006 for \$301,192 for a period of three years. **Not Reviewed because of significant overlap with pending NIH award (#2 above).**

- 10) Research Corporation, "Bi(III)-Catalyzed Tandem Addition and Silyl-Prins Cyclization Reactions," Submitted 21 November 2005 for \$35,127 for two years. Not Funded.
- 11) National Institutes of Health, AREA, "Bi(III)-Initiated Chemistry: Stereoselectivity Studies & Silyl-Prins Reactions," Submitted 25 September 2005 for \$150,000 for a three year period. Not Funded.
- 12) Petroleum Research Fund of the American Chemical Society, "Bi(III) Complexes: Inexpensive, Environmentally-Friendly Achiral and Chiral Bi(III) Reagents for Asymmetric Allylation and Mukaiyama Aldol Reactions." Submitted 15 September 2005 for \$50,000 for three year period. Not Funded.
- 13) National Institutes of Health, AREA: Developing Bi(III)-Initiated Oxocarbenium Reactions," Submitted 25 January 2004 for \$150,000. Not funded.
- 14) National Science Foundation, CAREER Award, "Alkenyl(aryl)iodanes: Investigations of Reactivity and New Syntheses." Submitted on 7/22/99 and **Awarded \$294,810** for period of 01 March, 2000 to 29 February, 2004. No-cost Extension approved through 2005.
- 15) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Robert J. Hinkle and David E. Kranbuehl as co-investigators. **Awarded \$118,603** for period of September 1999 to August 2003.
- 16) Jeffress Memorial Trust, "Expanding the Scope of Alkenyl(aryl)iodonium Substitutions," Requested \$15,873. *Renewal* submitted 01 March, 1999. **Awarded \$15,000**. Award including initial grant (14 below) totals \$29,952.
- 17) Research Corporation, "Solvolysis of Electron-Deficient Alkenyl(aryl)iodonium Salts via Vinyl Cations," Requested \$32,319. Submitted 14 November 1997. **Awarded \$32,319**, June 1998.
- 18) William and Mary Summer Grant; Summer 1998, "Synthesis and Solvolysis of Electron-deficient Alkenyl(aryl)iodonium Triflates." **Awarded \$5000**. I declined award because of acceptance of proposal **12** above.
- 19) Jeffress Memorial Trust, "Expanding the Scope of Alkenyl(aryl)iodonium Substitutions," Requested \$15,873. Submitted 30 August 1997. **Awarded \$14,952**.
- 20) Research Corporation, "The Synthesis and Solvolysis of Electron-Deficient Alkenyl(aryl)iodonium Salts." Requested \$29,658. Submitted 10/20/96. Not funded.
- 21) Jeffress Memorial Trust, "The Influence of Substituents on Iodonium Ylide Stability and Reactivity," Requested \$18,373. Submitted 2/28/97. Not funded.
- 22) Petroleum Research Fund of the ACS, "Investigations of Titanium Aryloxy Complexes as Carbocyclization Pre-Catalysts." Requested \$20,000. Submitted 12/7/96. **Awarded \$20,000** for period of 01 September 1997 to 31 August 1999. No cost extensions granted through 8/02.

- 23) William and Mary Summer Grant; Summer 1997, "Electrophilic Modification of Coordinated Ligands." **Awarded \$5250.**
- 24) NIH Postdoctoral National Research Service Award recipient; September 1993. **Awarded \$46,200** for stipends and institutional allowance.
- 25) Stauffer–Rozelle Fellowship, University of Utah; September 1987.
- 26) Surdna Foundation Fellowship, Bowdoin College; September 1985 to May 1986.

## RESEARCH

### Provisional Patent Applications Filed.

- 1) Hinkle, Robert J. "Trisubstituted Tetrahydropyran Compositions," Application 61/719,992. Filed 18 October 2012—Full application abandoned.
- 2) Hinkle, Robert J. and Lewis, Shane E., "Substituted Benzopyran Compositions," Application 61/715,433. Filed 30 October 2012—Full application abandoned.

### Publications in Refereed Journals (W & M undergraduate names in **bold**).

- 1) Robert J. Hinkle and Shane E. Lewis, "Atom Economical, One-Pot, Three-Reaction Cascade to Novel Tricyclic 2,4-Dihydro-1*H*-benzo[*f*]isochromene Derivatives," *Org. Lett.* **2013**, *15*, 4070-4073. ASAP published online 01 August 2013; DOI <http://dx.doi.org/10.1021/ol401600j>
- 2) **Frederick Lambert**, Robert J. Hinkle,\* **Stephen E. Ammann**, Yajing Lian, Jia Liu, Shane E. Lewis, and Robert D. Pike, "Bi(OTf)<sub>3</sub>-, TfOH-, and TMSOTf-Mediated, One-Pot Epoxide Rearrangement, Addition, and Intramolecular Silyl-Modified Sakurai (ISMS) Cascade toward Dihydropyrans: Comparison of Catalysts and Role of Bi(OTf)<sub>3</sub>," *J. Org. Chem.* **2011**, *76*, 9269-9277.
- 3) Robert J. Hinkle,\* Yajing Lian, **Lee C. Speight**, **Heather E. Stevenson**, **Melissa M. Sprachman**, **Lauren A. Katkish**, **M. Christa Mattern**, "Synthesis of 2,6-Disubstituted Dihydropyrans via an Efficient BiBr<sub>3</sub>-initiated Three Component, One-pot Cascade," *Tetrahedron* **2009**, *65*, 6834–6839.
- 4) Yajing Lian, Robert J. Hinkle, "BiBr<sub>3</sub>-Initiated Tandem Addition/Silyl-Prins Reactions to 2,6-Disubstituted Dihydropyrans," *J. Org. Chem.* **2006**, *71*, 7071-7074.
- 5) Robert J. Hinkle, Yajing Lian, **Nichole D. Litvinas**, **Alex T. Jenkins**, **Daniel C. Burnette**, "BiBr<sub>3</sub> Initiated Cyclization-Addition Reactions: Effect of Nucleophile and Total Synthesis of (+)-(S,S)-(cis-6-methyltetrahydropyran-2-yl)acetic Acid and its *trans*-Diastereomer," *Tetrahedron* **2005**, *61*, 11679-11685.
- 6) Evans, P. A.; Cui, J.; Gharpure, S. J.; Hinkle, R. J. "Stereoselective Construction of Cyclic Ethers using a Tandem Two-Component Etherification: Elucidation of the Role of Bismuth Tribromide," *J. Am. Chem. Soc.* **2003**, *125*, 11456-11457.

- 8) Hinkle, R. J. "**Mikowski, A. M.** "Kinetics of Stereoisomeric 2-Methyl-1-butenyl-(aryl)iodonium Triflates," Included in a special issue of *ARKIVOC* **2003**, *vi*, 201-212, published 25 July 2003: <http://www.arkat-usa.org/ark/journal/2003/Varvoglis/AV-745A/745A.pdf>.
- 9) Tykwinski, R. R.<sup>†</sup>; Kamada, K.<sup>‡</sup>; Bykowski, D.<sup>†</sup>; Hegmann, F. A.<sup>†</sup>; Hinkle, R. J. "Nonlinear Optical Properties of Thienyl and Bithienyl Iodonium Salts as Measured by the Z-scan Technique," *J. Opt. A: Pure Appl. Opt.* **2002**, *4*, S202-206.
- 10) Bykowski, D.<sup>†</sup>; McDonald, R.<sup>†</sup>; Hinkle, R. J.; Tykwinski, R. R.<sup>†</sup> "Structural and Electronic Characteristics of Thienyl(aryl)iodonium Triflates," *J. Org. Chem.*, **2002**, *67*, 2798-2804.
- 11) Hinkle, R. J.; McDonald, R.<sup>†</sup>, "(Z)-2-Methyl-1-buten-1-yl(aryl)iodonium Triflates Containing Electron-Withdrawing Groups on the Aryl Moiety." *Acta Cryst. C.* **2002**, *C58*, o117-o121.
- 12) **McNeil, A. J.**; Hinkle, R. J.; **Rouse, E. A.**; **Thomas, Q. A.**; **Thomas, D. B.** "Vinyl Carbocations: Solution Studies of Alkenyl(aryl)iodonium Triflate Fragmentations," *J. Org. Chem.* **2001**, *66*, 5556-5565.
- 13) Hinkle, R. J.; **Leri, A. C.**; **David, G. A.**; **Erwin, W. M.** "Addition of Benzylzinc Halides to Alkenyl(phenyl)iodonium Triflates: Stereoselective Synthesis of Trisubstituted Alkenes," *Org. Lett.* **2000**, *2*, 1521-1523.
- 14) Hinkle, R. J.; **McNeil, A. J.**; **Thomas, Q. A.**; **Andrews, M. N.** "Vinyl Cations in Solution: Kinetics and Products of Alkenyl(aryl)iodonium Salt Fragmentations," *J. Am. Chem. Soc.*, **1999**, *121*, 7437-7438.
- 15) Hinkle, R. J.; **Thomas, D. B.** "Facile Fragmentations of Alkenyl(aryl)iodonium Triflates," *J. Org. Chem.* **1997**, *62*, 7534-7535.
- 16) Hinkle, R. J.; Stang, P. J. "Stereospecific Synthesis of Trisubstituted Alkenyl(phenyl)iodonium Salts from Vinylstannanes" *Synthesis* **1994**, 313.
- 17) Hinkle, R. J.; Poulter, G. T.; Stang, P. J. "Palladium(II) and Copper(I) Co-Catalyzed Coupling of Stereodefined Alkenyl(phenyl)iodonium Salts and Unsaturated Tri-*n*-butylstannanes" *J. Am. Chem. Soc.* **1993**, *115*, 11626.
- 18) Hinkle, R. J.; Stang, P. J.; Arif, A. M. "Vinylplatinum Carbenes and Nitriles, Platinoxacyclic Complexes and Heck-Type Coupling Products Formed Via Reaction of ( $\sigma$ -2-propenyl)bis(triphenylphosphine)platinum(II) Triflate with Alkynols, Nitriles, and Acrylate Esters. Molecular Structure of [(PPh<sub>3</sub>)<sub>2</sub>PtCH<sub>2</sub>C(O)OCH<sub>3</sub>] [OTf]" *Organometallics* **1993**, *12*, 3510.
- 19) Zhong, Z.; Hinkle, R. J.; Arif, A. M.; Stang, P. J. "Novel Synthesis of ( $\eta^3$ -Allyl)platinum(II) Complexes from Enol Triflates and Simple Olefins and Their Regiospecific Deprotonation" *J. Am. Chem. Soc.* **1991**, *113*, 6196.

- 20) Hinkle, R. J.; Stang, P. J.; Kowalski, M. H. "Vinylphosphonium Salts: Stereoselective Palladium-Catalyzed Vinylation of Triphenylphosphine with Vinyl Triflates" *J. Org. Chem.* **1990**, *55*, 5033.
- 21) Kowalski, M. H.; Hinkle, R. J.; Stang, P. J. "A Simple Highly Stereospecific Preparation of Vinylphosphonium Salts: Palladium-Catalyzed Vinylation of Triphenyl-phosphine via Vinyl Triflates" *J. Org. Chem.* **1989**, *54*, 2783.
- 22) Pike, R. M.; Mayo, D. W.; Butcher, S. S.; Butcher, D. J.; Hinkle, R. J., "Microscale Organic Laboratory IV: A Simple and Rapid Procedure for Carrying Out Wittig Reactions" *J. Chem. Ed.* **1986**, *63*, 917.

†University of Alberta, Edmonton, Alberta, Canada

### Non-Scientific Articles Highlighting Research:

McClain, J., "Bismuth Summer: Undergraduates Receive Funding for Pharmaceutical Research," *Ideation*, 06 September 2006. Accessed 12.10.07:  
<http://www.wm.edu/as/ideation/Fall2006.php?fetchid=7884>

Sakai, J., "Let's Hit the Chemistry Lab," *The Richmond Times Dispatch*, 13 August 2006. Accessed 12/10/07: <http://www.jillsakai.com/Writing/Samples/Richmond/pdfs/081306-chem.pdf>

### Invited Scholarly Papers and Talks (presenter underlined, **undergraduates in bold**):

- 1) Robert J. Hinkle, *Limitations of Tandem Cyclization-Additions to Oxocarbenium Ions and Development of a Cascade Sequence to Novel Tricycles*, Old Dominion University, 14 November 2013
- 2) Robert J. Hinkle, *Cyclizations Involving Oxocarbenium Ions: Limitations of Tandem Cyclization-Additions and Development of a Cascade Sequence to Novel Tricycles*, The University of Utah, 03 October 2013
- 3) Robert J. Hinkle, "Non-Toxic Bi(III) Compounds in Multicomponent Methods Toward Cyclic Ethers," The University of Delaware, 27 October 2011
- 4) Robert J. Hinkle, "Non-Toxic Bi(III) Compounds in Multicomponent Methods Toward Cyclic Ethers," Western Michigan University, 25 September 2011.
- 5) Robert J. Hinkle, "Environmentally-Friendly, Bi(III)-Initiated Multicomponent Methods Towards Cyclic Ethers," Colby College, Waterville, ME, 23 April 2010.
- 6) Robert J. Hinkle, "Non-Toxic Bi(III)-Initiated Multicomponent Methods Toward Cyclic Ethers," University of Michigan, Ann Arbor, MI, 06 April 2010.
- 7) Robert J. Hinkle, "Environmentally-Friendly, Bi(III)-Initiated Multicomponent Methods Towards Cyclic Ethers." The University of Richmond, Richmond, VA, 15 January 2010.

- 8) Robert J. Hinkle, *2008 NSF Workshop on Organic Synthesis and Natural Products Chemistry*, June 19-22, 2008. The Minary Center Holderness, NH. **I was the only undergraduate faculty member invited to this prestigious workshop.**
- 9) Robert J. Hinkle,\* Kristie M. Schmidt, Yajing Lian, and **Heather E. Stevenson**, "One-Pot, Three-Component Mukaiyama Aldol/Silyl-Prins Reactions to Dihydropyrans," Gordon Research Conference: Organic Reactions and Processes, Smithfield, RI, 15-20 July 2007, ***Invited Oral Presentation based on Poster Award***, Thursday, 20 July 2007.
- 10) Robert J. Hinkle, "Stereoselective Bi(III)-Mediated Two- and Three-Component Addition-Silyl-Prins Reactions to 2,6-Disubstituted Dihydropyrans," Invited speaker for *Maryland Symposium on Research at Undergraduate Institutions*, University of Maryland, College Park, MD, 19 October 2007.
- 11) "Bi(III) Compounds in Sakurai Allylations and Mukaiyama Aldol Reactions: Catalysts or Pre-Catalysts?" Old Dominion University, Norfolk, VA, 11 November 2005.
- 12) "Alkenyl(aryl)iodonium Reactivity and Cyclic Ether Syntheses." Brown University, Providence, RI, 24 October 2004.
- 13) "Alkenyl(aryl)iodonium Reactivity and Tetrahydropyran Syntheses." Bowdoin College, Brunswick, ME, 25 April 2003.
- 14) "Alkenyl(aryl)iodonium Salts: Substitution and Fragmentation Reactions in Solution." The University of Delaware, Wilmington, Delaware, 30 August 2000.
- 15) "Fragmentations and Substitutions of Alkenyl(aryl)iodonium Triflates." The University of Alberta, Edmonton Canada, 11 June 1999.

## REVIEWS OF BOOKS, SOFTWARE, ETC.:

### Proposals Reviewed for the following agencies:

Beckman Scholars' Program Advisory Committee (2011/2012 and 2012/2013)-

**CONFIDENTIAL**

American Chemical Society National Award -- **CONFIDENTIAL**

Jeffress Memorial Trust of Virginia

Research Corporation

American Chemical Society (ACS)

ACS, PRF, Type B

ACS, PRF-GB

NSF, RUI

NSF CHE

NSF Special emphasis Panel

NSF Int. Western Europe Program

NSF Major Research Instrumentation (MRI)

US Civilian Research and Development Foundation (CRDF)

### Tenure Cases Reviewed:



Professor Michael W. Justik, Pennsylvania State University, Erie Pennsylvania,  
September 2010.

**Articles reviewed:**

Reviewed at least four manuscripts per year. Have reviewed papers for the following journals:

*Chem. Soc. Reviews.*  
*Advanced Synthesis and Catalysis*  
*Journal of Organic Chemistry*  
*J. American Chemical Society*  
*Chemistry, A European Journal*  
*European Journal of Organic Chemistry*  
*Organic Letters*  
*Synthesis*  
*Arkivok*  
*Tetrahedron*  
*Tetrahedron Letters*  
*J. Phys. Org. Chemistry*  
*Chemical Communications*  
*Beilstein*

**Unrefereed Publications/Abstracts Not Listed Above (W & M undergraduates in bold):**

- 1) Hinkle, Robert J.;\* Rahman, Ajara A.; **Lambert, R. F.; Ammann, Stephen E.; Willard, Emily G.; Merryman, Caroline P.**, "Cyclization-addition reactions toward trisubstituted tetrahydropyrans: Effects of sterics and electronics on cyclization," 64th Southeast Regional Meeting of the American Chemical Society, Raleigh, NC, United States, November 14-17 (2012), SERM-437.
- 2) Hinkle, Robert J.;\* Rahman, Ajara A.; **Lambert, R. F.; Ammann, Stephen E.; Willard, Emily G.; Merryman, Caroline P.**, "Cyclization-addition reactions toward trisubstituted tetrahydropyrans: Effects of sterics and electronics on cyclization," 64th Southeast Regional Meeting of the American Chemical Society, Raleigh, NC, United States, November 14-17 (2012), Abstract SERM-437.
- 3) **Willard, Emily G.**; Rahman, Ajara A.; **Nofi, Coleen P.; Yeager, Benjamin M.**; Hinkle, Robert J.,\* "Synthesis of fluorine-containing precursors to cyclic six-membered oxocarbenium ions, and the effects of fluorine on cyclization-addition reactions," 64th Southeast Regional Meeting of the American Chemical Society, Raleigh, NC, United States, November 14-17 (2012), Abstract SERM-306.
- 4) **Merryman, Caroline P.**; Hinkle, Robert J. "Synthesis and Reactivity of a Cyclic Six-membered Oxocarbenium ion Containing an Electronwithdrawing  $\beta$ -Ester" Southeast Regional Meeting of the American Chemical Society, Raleigh, NC, United States, November 14-17 (2012), Abstract SERM-305. *Poster Presentation.*
- 5) **Salvant, Justin M.**; Rahman, Ajara A.; **Lambert, R. F.; Ammann, Stephen E.**; Hinkle, Robert J.,\* "Steric effects of additions to cyclic six-membered oxocarbenium

ions,” 64th Southeast Regional Meeting of the American Chemical Society, Raleigh, NC, United States, November 14-17 (2012), SERM-304.

- 6) Hinkle, Robert J.;\* Rahman, Ajara A.; **Salvant, Justin M.; Willard, Emily G.**, “Effects of electron-donating and withdrawing substituents on the stereochemical outcome of cyclization-addition reactions toward trisubstituted tetrahydropyrans,” 244th ACS National Meeting & Exposition, Philadelphia, PA, United States, August 19-23, 2012 (2012), Abstract ORGN-431.
- 7) Hinkle, Robert J., “Bi(OTf)<sub>3</sub>-Mediated epoxide rearrangement and intramolecular silyl-modified Sakurai reaction (ISMS) to dihydropyrans: Establishing the role of Bi(OTf)<sub>3</sub>,” Southeast Regional Meeting of the American Chemical Society (SERMACS), Richmond, VA, Oct. 26-29, 2011. Abstract SERM887.
- 8) Rahman, Ajara, Hinkle, Robert J. “Effects of nucleophilic strength on facial selectivity in BiBr<sub>3</sub> catalyzed tandem cyclization/addition reactions,” Southeast Regional Meeting of the American Chemical Society (SERMACS), Richmond, VA, Oct. 26-29, 2011. Abstract SERM191.
- 9) Lewis, Shane E., Hinkle, R. J. “Tandem addition/Prins/Friedel-Crafts/dehydration reactions towards 2,2,4-trisubstituted-2,4-dihydro-1H-benzo[f]isochromenes,” Shane E Lewis, Robert J Hinkle PhD. Southeast Regional Meeting of the American Chemical Society (SERMACS), Richmond, VA, Oct. 26-29, 2011. Abstract SERM98.
- 10) Hinkle, Robert J.; **Lambert, Robert F.; Ammann, Stephen E.; Speight, Lee C.**; Liu, Jia; Lian, Yajing, “Bismuth-initiated reactions toward stereoselective syntheses of tetrahydropyrans and dihydropyrans,” Abstracts of Papers, 240th ACS National Meeting, Boston, MA, United States, August 22-26, 2010 (2010), Abstract ORGN-461.
- 11) **Lambert, Robert F.; Ammann, Stephen E.; Speight, Lee C.**; Liu, Jia; Lian, Yajing, “Bismuth-Salt-Initiated Epoxide Rearrangement and Addition Reactions Toward 2,6-Disubstituted Dihydropyrans: What is the role of Bismuth?,” Abstracts of Papers, 240th ACS National Meeting, Boston, MA, United States, August 22-26, 2010 (2010), Abstract ORGN-1037.
- 12) Hinkle, Robert J.; Lian, Yajing; Speight, Lee C.; Liu, Jia; Ammann, Stephen; Lambert, Frederick, “*Bi(III)-mediated epoxide rearrangement and intramolecular silyl-modified Sakurai reaction (ISMS) to dihydropyrans*,” 238th ACS National Meeting, Washington, DC, United States, August 16-20, 2009, Abstract ORGN-428.
- 13) Hinkle, Robert J.; Lian, Yajing; **Speight, Lee C.; Liu, Jia; Ammann, Stephen; Lambert, Frederick**, “*Bi(III)-Mediated Epoxide Rearrangement and Intramolecular Silyl-Modified Sakurai Reaction (ISMS) to Dihydropyrans*,” Presented at the 238th ACS National Meeting, Washington, DC, United States, August 16-20, 2009, Abstract ORGN-428.
- 14) Hinkle, Robert J.; Schmidt, Kristie M.; H.Lian, Yajing, **Stevenson, Heather E.; Johnson, Danielle H.; Forgues; Christine**, “One-Pot, Three-Component Mukaiyama Aldol/Silyl-Prins Reactions to Dihydropyrans,” Presented at the National Organic Symposium (NOS), Duke University, Durham, NC, June 3-7, 2007, Abstract B36.

- 15) **Brown, Timothy J.**; Hinkle, Robert J.; **Sprachman, Melissa M.**, “*Diastereoselective Synthesis of 2,6-Disubstituted Tetrahydropyrans Using Catalytic BiBr<sub>3</sub> and  $\pi$ -Nucleophiles*,” Presented at the 58th Southeast Regional Meeting of the American Chemical Society (SERMACS), Augusta, GA, United States, November 1-4, 2006, Abstract SRM06-439.
- 16) **Brown, Timothy J.**; Hinkle, Robert J.; **Sprachman, Melissa M.**; **Mattern, Mamio C.**; Yajing, Lian, “*Investigations of  $\pi$ -Nucleophiles in the Synthesis of 2,6-Disubstituted Tetrahydropyrans*,” Presented at the 38th Middle Atlantic Regional Meeting of the American Chemical Society, Hershey, PA, United States, June 4-7, 2006, Abstract MRM-329.
- 17) Robert J. Hinkle,\* Yajing Lian, Kristie Schmidt, **Heather Stevenson, H. Danielle Johnson**, “*Bi(III)-Initiated Two- and Three-component Addition/silyl-Prins Reactions Toward cis-2,6-Disubstituted Dihydropyrans*,” Presented at the 58th Southeast Regional Meeting of the American Chemical Society (SERMACS), November 1-4, 2006. Abstract 227.
- 18) Robert J. Hinkle,\* Yajing Lian, Kristie Schmidt, **Heather Stevenson, H. Danielle Johnson**, “*Bi(III)-Initiated Two- and Three-component Addition/silyl-Prins Reactions Toward cis-2,6-Disubstituted Dihydropyrans*,” Presented at the 58th Southeast Regional Meeting of the American Chemical Society (SERMACS), November 1-4, 2006. Abstract 227.
- 19) **Sprachman, Melissa M.** “The Use of Bismuth Compounds in the Non-toxic Syntheses of Natural Products,” **Beckman Scholars Symposium**, July 2005.
- 20) Robert J. Hinkle,\* Yajing Lian, **Mamio C. Mattern and Melissa M. Sprachman**, “*Bismuth(III) Initiated Diastereoselective Cyclization-Addition Reactions Toward 2,6-Disubstituted Tetrahydropyrans*,” Presented at the 230th National Meeting of the American Chemical Society, August 31, 2005; Washington, DC. Abstract ORGN-538.
- 21) Yajing Lian and Robert J. Hinkle\*, “*Etherification Reactions Initiated by BiBr<sub>3</sub>: Total Synthesis of (+)-(S,S)-(cis)-6-Methyltetrahydropyran-2-yl)acetic acid and its trans-Diastereomer*,” Presented at the 230th National Meeting of the American Chemical Society, August 28 – 01 September, 2005; Washington, DC. Abstract ORGN-115.
- 22) **Melissa M. Sprachman, Mamio C. Mattern**, Yajing Lian and Robert J. Hinkle\*, “*Selective tandem cyclization-addition reactions using catalytic quantities of BiBr<sub>3</sub> and  $\pi$ -nucleophiles*,” Presented at the 230<sup>th</sup> National Meeting of the American Chemical Society, August 28 – 01 September, 2005; Washington, DC. Abstract ORGN-116.
- 23) Robert J. Hinkle, **Yajing Lian**, Nichole D. Litvinas, Alexander T. Jenkins, Danielle C. Burnette, “*BiBr<sub>3</sub> Initiated Cyclization-Addition Reactions: Total Synthesis of (+)-(S,S)-(cis)-6-Methyltetrahydropyran-2-yl)acetic Acid, its trans-Diastereomer and Effect of Nucleophile on Oxocarbenium Ion Additions*,” Presented at the National Organic Symposium (NOS), Salt Lake City, Utah, June 12-16, 2005. Abstract B21.
- 24) Robert J. Hinkle,\* Yajing Lian, Kristie Schmidt, **Heather Stevenson, and H. Danielle Johnson**, “*Bi(III)-Initiated Two- and Three-component Addition/silyl-Prins Reactions Toward cis-2,6-Disubstituted Dihydropyrans*,” Presented at the 58<sup>th</sup> Southeastern

Regional Meeting of the American Chemical Society (SERMACS), Durham, NC, November 01-04, 2004. Abstract 227.

- 25) **Timothy J. Brown**, Robert J. Hinkle,\* Melissa M. Sprachman, Mamio C. Mattern, Yajing Lian, "Investigations of  $\pi$ -Nucleophiles in the Synthesis of 2-6 Disubstituted Tetrahydropyrans," Presented at the 58<sup>th</sup> Southeastern Regional Meeting of the American Chemical Society (SERMACS), Durham, NC, November 01-04, 2004. Abstract 439.
- 26) Hinkle, R. J.; **Mattern, M. C.; Sprachman, M. M.; and Litvinas; N. D.**, "Bismuth(III) Initiated Diastereoselective Cyclization-Addition Reactions Toward 2,6-Disubstituted Tetrahydropyrans," Presented at the 56<sup>th</sup> Southeastern Regional Meeting of the American Chemical Society (SERMACS), Durham, NC, November 10-13, 2004. Abstract 200.
- 27) Lian, Y.; Hinkle, R. J.; **Mikowski, A. M.; Brochu, M. C.; Knowles, R. R.**, "Isotope Effects and Mechanism(s) of Fragmentation of Alkenyl Iodonium Triflate Salts," Presented at the 56<sup>th</sup> Southeastern Regional Meeting of the American Chemical Society (SERMACS), Durham, NC, November 10-13, 2004. Abstract 255.
- 28) **Sprachman, M. M.; Litvinas; N. D., Mattern, M. C.;** Hinkle, R. J.; **Jenkins, A. T.; Burnette, D. C.**, "Stereoselective Tandem Cyclization-Addition Reactions Using Catalytic BiBr<sub>3</sub>," Presented at the 56<sup>th</sup> Southeastern Regional Meeting of the American Chemical Society (SERMACS), Durham, NC, November 10-13, 2004. Abstract 800.
- 29) Hinkle, R. J.; Evans, P. A.; Cui, J.; Delouvrie, B. D., "Diastereoselective Syntheses of Di- and Trisubstituted Cyclic Ethers via Tandem Cyclization-Addition Reactions," Presented at the 225<sup>th</sup> American Chemical Society Meeting, New Orleans, LA, March 23-27, 2003. Abstract ORGN-666.
- 30) **Litvinas, N. D.** Hinkle, R. J. "Trisubstituted Olefin Synthesis by Reaction of Benzylic Zinc Reagents with  $\beta,\beta$ -Disubstituted Alkenyl(phenyl)iodonium Triflates," Presented at the 225<sup>th</sup> American Chemical Society Meeting, New Orleans, LA, March 23-27, 2003. Abstract ORGN-579.
- 31) Hinkle, R. J.; **Mikowski, A. M.** "Fragmentation Reactions of Alkenyl(aryl)iodonium Salts" Presented at the 223<sup>rd</sup> American Chemical Society Meeting, Orlando, FL, April 07-11, 2002. Abstract ORGN-332.
- 32) Hinkle, R. J.; **Rouse, E. A.; McNeil, A. M.; Thomas, Q. A.; Thomas, D. B.** "Vinyl Cations from Alkenyl(aryl)iodonium Salts: Are Primary Vinyl Cations involved?" Presented at the 221<sup>st</sup> American Chemical Society Meeting, San Diego, CA, April 01-05, 2001. Abstract 450.
- 33) Hinkle, R. J.; **Rouse, E. A.; McNeil, A. J.** "Fragmentation of Alkenyl(aryl)iodonium Triflates via Vinyl Cations," Presented at the 220<sup>th</sup> American Chemical Society Meeting, Washington, DC, August 30, 2000. Abstract 295.
- 34) Hinkle, R. J.; **Leri, A. C.; David, G. A.; Erwin, W. M.** "Addition of Benzylzinc Halides to Alkenyl(phenyl)iodonium Triflates: Stereoselective Synthesis of

Trisubstituted Alkenes," Presented at the 219<sup>th</sup> American Chemical Society Meeting, Newsletter and Abstracts, March 26-30, 2000. Abstract 535.

- 35) Hinkle, R. J.; **Aubry, Q. D.**; **McNeil, A. J.** "Synthesis and Decomposition of Alkenyl(aryl)iodonium Triflates via Vinyl Cations." Presented at the 216<sup>th</sup> American Chemical Society Meeting, Newsletter and Abstracts. Abstract 640.

### **Research Reports for Grants.**

- 1) National Science Foundation Annual Report, July 2013
- 2) DOE Interim Progress Report, October 2012.
- 3) DOE Interim Progress Report, August 2012.
- 4) National Science Foundation Annual Report, July 2012
- 5) DOE Interim Progress Report, May 2012.
- 6) DOE Interim Progress Report, February 2012.
- 7) DOE Interim Reports, September, December, 2011.
- 8) Statoil Final Report, August 2011
- 9) National Science Foundation Annual Report, July 2011
- 10) Statoil Interim Report II, September 2010.
- 11) Statoil Interim Report I, filed March 2010.
- 12) National Institutes of Health, USA, filed June 2011.
- 13) National Institutes of Health, USA, filed May 2010.
- 14) National Institutes of Health, USA, filed June 2009.
- 15) National Institutes of Health, USA, filed June 2008.
- 16) Jeffress Memorial Trust, Final Report, filed March 2008.
- 17) Henry-Dreyfus Teacher-Scholar Award, Final Report, filed 15 December 2007.
- 18) Jeffress Memorial Trust, Interim Report, filed 24 January 2007.
- 19) Jeffress Memorial Trust, Interim Report, filed 22 December 2005.
- 20) National Science Foundation, CAREER Award, Final Report, filed 19 May 2007.

- 21) Henry Dreyfus Teacher-Scholar Award, 2<sup>nd</sup> year report. Submitted 05 December 2004.
- 22) Investigations of Titanium Aryloxy Complexes as Carbocyclization Pre-Catalysts. Petroleum Research Fund (PRF) of the American Chemical Society. Submitted 28 September 2002.
- 23) Research Corporation, "Solvolysis of Electron-Deficient Alkenyl(aryl)iodonium Salts via Vinyl Cations." Submitted June 2002.
- 24) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted September 2002.
- 25) Jeffress Memorial Trust, "Expanding the Scope of Alkenyl(aryl)iodonium Substitutions." Submitted June 2002.
- 26) Investigations of Titanium Aryloxy Complexes as Carbocyclization Pre-Catalysts. Petroleum Research Fund (PRF) of the American Chemical Society. Submitted 28 September 2001.
- 27) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted March 2002.
- 28) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted February 2002.
- 29) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted September 2001.
- 30) Research Corporation, "Solvolysis of Electron-Deficient Alkenyl(aryl)iodonium Salts via Vinyl Cations." Submitted 28 June 2002.
- 31) Jeffress Memorial Trust, "Expanding the Scope of Alkenyl(aryl)iodonium Substitutions." Submitted 28 June 2001.
- 32) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted May 2001.
- 33) NSF CAREER Award, "Alkenyl(aryl)iodanes: Investigations of Reactivity and New Syntheses," Submitted 01 May 2001.
- 34) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted February 2001.
- 35) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted April 2001.
- 36) Research Corporation, "Solvolysis of Electron-Deficient Alkenyl(aryl)iodonium Salts via Vinyl Cations." Submitted 28 June 2000.

- 37) Jeffress Memorial Trust, "Expanding the Scope of Alkenyl(aryl)iodonium Substitutions." Submitted 28 June 2000.
- 38) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted 15 November 1999.
- 39) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted 15 December 1999.
- 40) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted 15 November 1999.
- 41) Coatings Technology, Ltd, "Understanding the Role of Diffusion and pH on a Color Indicator." Submitted 15 December 1999.
- 42) Investigations of Titanium Aryloxy Complexes as Carbocyclization Pre-Catalysts. Petroleum Research Fund (PRF) of the American Chemical Society. Submitted 28 September 1999.
- 43) Research Corporation, "Solvolysis of Electron-Deficient Alkenyl(aryl)iodonium Salts via Vinyl Cations." Submitted 28 June 1999.
- 44) Investigations of Titanium Aryloxy Complexes as Carbocyclization Pre-Catalysts. Petroleum Research Fund (PRF) of the American Chemical Society. Submitted 29 September 1998.
- 45) "Bis-Heck Cyclization Approach to the Growth Hormone Stimulant Psycholeine." NIH Fellowship progress report and continuation application. Submitted 11 November 1994.

**Posters and Presentations to Which I contributed (presenter(s) underlined, undergraduates in bold):**

- 1) Hinkle, Robert J. and Lewis, Shane E. "Two-Component, Four-Reaction Cascade Toward 2,2,4-Trisubstituted-2,4-Dihydro-1H-Benzo[f]isochromenes," Gordon Conference on Organic Reactions and Processes, Smithfield, RI, 14-19 July 2013. *Poster Presentation.*
- 2) Butler, Mitchell, Hinkle, Robert J., "Efforts towards the Bi(III)-initiated Synthesis of Piperidines and Azepanes," William & Mary Undergraduate Research Symposium, February 22 2013. *Poster Presentation.*
- 3) Merryman, Carline P.; Hinkle, R. J. "Synthesis and Reactivity of a Cyclic Six-Membered Oxocarbenium Ion Containing an Electron-Withdrawing Beta-Ester," William & Mary Undergraduate Research Symposium, February 22, 2013. *Poster Presentation.*
- 4) Willard, Emily G.; Hinkle, Robert J. "Synthesis of Fluorine-containing Precursors to Cyclic Six-membered Oxocarbenium Ions and the Effects of Fluorine on Cyclization-addition Reactions," William & Mary Undergraduate Research Symposium, February 22, 2013. *Poster Presentation.*

- 5) **Liu, Jeffrey**; Hinkle, Robert J., “Investigation of  $\text{BiBr}_3$  Initiated Nucleophilic Additions to Seven-Membered Oxocarbenium Ions,” William & Mary Undergraduate Research Symposium, February 22, 2013. *Poster Presentation*.
- 6) **Salvant, Justin M.**; Hinkle, Robert J. “Steric Effects of Additions to Cyclic Six-membered Oxocarbenium Ions,” William & Mary Undergraduate Research Symposium, February 22, 2013. *Poster Presentation*.
- 7) **Hinkle, Robert J.;**\* Rahman, Ajara A.; Lewis, Shane E.; **Lambert, R. Frederick**; and **Ammann, Stephen E.** “Di- and Trisubstituted Tetrahydropyrans and Oxepanes via Cyclic Oxocarbenium Ions. Gordon Conference on Heterocyclic Compounds, Newport, RI, 24-29 June 2012. *Poster Presentation*.
- 8) **Rahman, Ajara A.;** Hinkle, Robert J.\* “Effects of Nucleophile Strength on Selectivity in  $\text{BiBr}_3$  Catalyzed Cyclic Ether Construction via Tandem Two-Component Etherification,” Gordon Conference on Heterocyclic Compounds, Newport, RI, 24-29 June 2012. *Poster Presentation*.
- 9) **Hinkle, Robert J.;**\* Rahman, Ajara A.; **Lambert, R. F.;** **Ammann, Stephen E.;** **Willard, Emily G.;** **Merryman, Caroline P.**, “Cyclization-addition reactions toward trisubstituted tetrahydropyrans: Effects of Sterics and Electronics on Cyclization,” 64th Southeast Regional Meeting of the American Chemical Society, Raleigh, NC, United States, November 14-17 (2012), Abstract SERM-437. *Oral Presentation*.
- 10) **Willard, Emily G.;** Rahman, Ajara A.; **Nofi, Coleen P.;** **Yeager, Benjamin M.;** Hinkle, Robert J.\* “Synthesis of Fluorine-Containing Precursors to Cyclic Six-Membered Oxocarbenium Ions, and the Effects of Fluorine on Cyclization-Addition reactions,” 64th Southeast Regional Meeting of the American Chemical Society, Raleigh, NC, United States, November 14-17 (2012), Abstract SERM-306. *Poster Presentation*.
- 11) **Merryman, Caroline P.** “Synthesis and Reactivity of a Cyclic Six-membered Oxocarbenium ion Containing an Electronwithdrawing  $\beta$ -Ester” Southeast Regional Meeting of the American Chemical Society, Raleigh, NC, United States, November 14-17 (2012), Abstract SERM-305. *Poster Presentation*.
- 12) **Salvant, Justin M.;** **Rahman, Ajara A.;** **Lambert, R. F.;** **Ammann, Stephen E.;** Hinkle, Robert J.,\* “Steric effects of additions to cyclic six-membered oxocarbenium ions,” 64th Southeast Regional Meeting of the American Chemical Society, Raleigh, NC, United States, November 14-17 (2012), SERM-304. *Poster Presentation*.
- 13) **Hinkle, Robert J.;**\* Rahman, Ajara A.; **Salvant, Justin M.;** **Willard, Emily G.**, “Effects of electron-donating and withdrawing substituents on the stereochemical outcome of cyclization-addition reactions toward trisubstituted tetrahydropyrans,” 244th ACS National Meeting & Exposition, Philadelphia, PA, United States, August 19-23, 2012 (2012), Abstract ORGN-431. *Oral Presentation*.



- 14) **Salvant, Justin M.; Willard, Emily G.**; Rahman, Ajara A.; Hinkle, Robert J.,\* “Cyclization-addition reactions toward trisubstituted tetrahydropyrans: Effects of substitution on electrophilic substrate and nucleophile,” 244th ACS National Meeting & Exposition, Philadelphia, PA, United States, August 19-23, 2012 (2012), Abstract ORGN-206. *Poster Presentation*.
- 15) **Lewis, Shane E.**; Hinkle, Robert J.\* “Tandem addition/Prins/Friedel-Crafts/dehydration reactions towards 2,2,4-trisubstituted-2,4-dihydro-1H-benzo[f]isochromenes,” 244th ACS National Meeting & Exposition, Philadelphia, PA, United States, August 19-23, 2012 (2012), Abstract ORGN-205. *Poster Presentation*.
- 16) **Lu, Xi**; Hinkle, Robert J. “Synthesis of Six-Membered Oxocarbenium Rings,” William & Mary Undergraduate Symposium, 18 February 2012. *Poster Presentation 42*.
- 17) **Robert J. Hinkle,\* R. Frederick Lambert, Stephen E. Ammann**, Yajing Lian, and Jia Liu, “Bi(OTf)<sub>3</sub>–, TfOH–, and TMSOTf–Mediated, One-Pot Epoxide Rearrangement, Addition and Intramolecular Silyl-Modified Sakurai (ISMS) Cascade Toward Dihydropyrans: Comparison of Catalysts and Role of Bi(OTf)<sub>3</sub>,” Gordon Research Conference on Organic Reactions and Processes, July 2011. *Poster Presentation*.
- 18) **Lambert, R. Frederick**, Hinkle, Robert J. “Bi(OTf)<sub>3</sub>–, TfOH–, and TMSOTf–Mediated, One-Pot Epoxide Rearrangement, Addition and Intramolecular Silyl-Modified Sakurai (ISMS) Cascade Toward Dihydropyrans: Comparison of Catalysts and Role of Bi(OTf)<sub>3</sub>,” Beckman Scholars’ Symposium, Irvine, California, August 11-14, 2011. *Poster Presentation*.
- 19) **Hinkle, Robert J.; Lambert, R. Frederick; Ammann, Stephen E.**; Lewis, Shane E.; Liu, Jia; Lian, Yajing, “Bi(OTf)<sub>3</sub>-Mediated epoxide rearrangement and intramolecular silyl-modified Sakurai reaction (ISMS) to dihydropyrans: Establishing the role of Bi(OTf)<sub>3</sub>,” 63rd Southeast Regional Meeting of the American Chemical Society, Richmond, VA, October 26-29, 2011, SERM-204, *Oral Presentation*.
- 20) **Lewis, Shane E.**; Hinkle, Robert J., “Tandem addition/Prins/Friedel-Crafts/dehydration reactions towards 2,2,4-trisubstituted-2,4-dihydro-1H-benzo[f]isochromenes,” 63rd Southeast Regional Meeting of the American Chemical Society, Richmond, VA, United States, October 26-29, 2011, SERM-98 (Poster Presentation)
- 21) **Rahman, Ajara A.**; Hinkle, Robert J.; **Lambert, Robert F.; Ammann, Stephen E.**, “Effects of nucleophilic strength on facial selectivity in BiBr<sub>3</sub> catalyzed tandem cyclization/addition reactions,” 63rd Southeast Regional Meeting of the American Chemical Society, Richmond, VA, United States, October 26-29, 2011, SERM-80 *Poster Presentation*.
- 22) **Hinkle, Robert J., Lambert, R. Frederick, Ammann, Stephen E.**; Lian, Yajing, Liu, Jia, “Bismuth-Initiated Reactions Toward Stereoselective Syntheses of Tetrahydropyrans and Dihydropyrans,” Presented at the 240th ACS National Meeting, Boston, MA, United States, August 22-26, 2010, Abstract ORGN-461, *Oral Presentation*.

- 23) **Lambert, R. Frederick, Ammann, Stephen E.**; Hinkle, Robert J.; **Speight, Lee C.**; Lian, Yajing, "Bismuth Salt-Initiated Epoxide Rearrangement and Addition Reactions Toward 2,6-Disubstituted Dihydropyrans: What is the Role of Bismuth?" Presented at the 240th ACS National Meeting, Boston, MA, United States, August 22-26, 2010, Abstract ORGN-1037, *Poster Presentation*.
- 24) **Hinkle, Robert J.** "Bi(OTf)<sub>3</sub> Initiated Epoxide Rearrangement and ISMS Reactions Toward Dihydropyrans: Role of Bi(OTf)<sub>3</sub>?" Gordon Research Conference, July 18-24 2010. *Poster Presentation*.
- 25) **Hinkle, Robert J.**; Lian, Yajing; **Speight, Lee C.**; **Liu, Jia**; **Ammann, Stephen; Lambert, Frederick**, "*Bi(III)-Mediated Epoxide Rearrangement and Intramolecular Silyl-Modified Sakurai Reaction (ISMS) to Dihydropyrans*," Presented at the 238th ACS National Meeting, Washington, DC, United States, August 16-20, 2009, Abstract ORGN-428. *Poster Presentation*.
- 26) **Speight, Lee C.**; Hinkle, Robert J., Honors Research Symposium, February 2009, *Oral Presentation*.
- 27) **Ammann, Stephen E.**; Hinkle, Robert J.\* "Bi(III)-Initiated Cyclization Reactions to 2,6-Disubstituted 3,6-Dihydropyrans," Undergraduate Research Symposium; February, 2009. *Poster Presentation*.
- 28) **Katkish, Lauren A.**; Hinkle, Robert J.\* "Toward Biologically-Active 2,6-Disubstituted Dihydropyran Ring Systems," Undergraduate Research Symposium; February, 2008. *Poster Presentation*.
- 29) **Speight, Lee C.** **Hinkle, Robert J.** "Three-Component Bi(III)-Initiated Tandem Reactions," Robert J. Hinkle,\* Undergraduate Research Symposium; February, 2008. *Oral Presentation*.
- 30) **Hinkle, Robert J.**\* Schmidt, Kristie M.; Lian, Yajing; and **Stevenson, Heather E.** "One-Pot, Three-Component Mukaiyama Aldol/Silyl-Prins Reactions to Dihydropyrans," Gordon Research Conference: Organic Reactions and Processes, Smithfield, RI, 15-20 July 2007, *Invited Oral Presentation based on Poster Award*, Thursday, 20 July 2007.
- 31) **Hinkle, Robert J.**\* Schmidt, Kristie M.; Lian, Yajing; and **Stevenson, Heather E.** "One-Pot, Three-Component Mukaiyama Aldol/Silyl-Prins Reactions to Dihydropyrans," Gordon Research Conference: Organic Reactions and Processes, Smithfield, RI, 15-20 July 2007. *Poster Presentation*.
- 32) **Hinkle, Robert J.**\* Schmidt, Kristie M.; Lian, Yajing; and **Stevenson, Heather E.**; **Johnson, H. Danielle; Forgues, Christine** "One-Pot, Three-Component Mukaiyama Aldol/Silyl-Prins Reactions to Dihydropyrans," Presented at the 39<sup>th</sup> National Organic Symposium, Durham, NC, June 3-7, 2007. *Poster Presentation B36*.
- 33) **Hinkle, Robert J.**\* Schmidt, Kristie M.; Lian, Yajing; and **Stevenson, Heather E.**; **Johnson, H. Danielle**; "Bi(III)-Initiated Two- and Three-component Addition/silyl-Prins Reactions Toward cis-2,6-Disubstituted Dihydropyrans," Presented at the 58<sup>th</sup>

Southeastern Regional Meeting of the American Chemical Society, Augusta, GA, November 01-04, 2006. **Oral Presentation 227.**

- 34) **Brown, Timothy J.;** Hinkle, Robert J.;\* **Sprachman, Melissa M.; Mattern, Mamio C.;** Lian, Yajing "Investigations of  $\pi$ -Nucleophiles in the Synthesis of 2-6 Disubstituted Tetrahydropyrans," Presented at the 58<sup>th</sup> Southeastern Regional Meeting of the American Chemical Society, Augusta, GA, November 01-04, 2006. *Poster Presentation 439.*
- 35) **Brown, Timothy J.;** Hinkle, Robert J.;\* **Sprachman, Melissa M.; Mattern, Mamio C.;** Lian, Yajing, Investigations of  $\pi$ -nucleophiles in the synthesis of 2,6-disubstituted tetrahydropyrans. Abstracts, 38<sup>th</sup> Middle Atlantic Regional Meeting of the American Chemical Society, Hershey, PA, United States, June 4-7 (2006), *Poster Presentation*—withdrawn due to a death in Timothy Brown's family.
- 36) **Hinkle, R. J.;** Lian, Yajing; **Mattern, Mamio C.; Sprachman, Melissa M.** "Bimuth(III)-Initiated Diastereoselective Cyclization-Addition Reactions toward 2,6-Disubstituted Tetrahydropyrans, 230<sup>th</sup> ACS National Meeting, 28 August to 01 September 2005, **Oral Presentation 538.**
- 37) **Lian, Yajing;** Hinkle, Robert J. "Etherification reactions initiated by BiBr<sub>3</sub>: Total Synthesis of (+)-(S,S)-(cis-6-methyltetrahydropyran-2-yl)acetic Acid and its *trans*-Diastereomer," 230<sup>th</sup> ACS National Meeting, 28 August to 01 September 2005, *Poster Presentation 115.*
- 38) **Sprachman, Melissa M.; Mattern, Mamio C.** Lian, Yajing; Hinkle, Robert J.\* "Selective Tandem Cyclization-Addition Reactions Using catalytic Quantities of BiBr<sub>3</sub> and  $\pi$ -Nucleophiles," 230<sup>th</sup> ACS National Meeting, 28 August to 01 September 2005, *Poster Presentation 116.*
- 39) **Sprachman, M. M.;** Hinkle, R. J.; "The Use of Bismuth Compounds in the Non-Toxic Syntheses of Natural Products," Arnold and Mabel Beckman Scholars Symposium, Irvine, CA, July 2005. *Poster Presentation.*
- 40) **Hinkle, R. J.;** Lian, Y.; **Litvinas, N. D.; Jenkins, A. T.; Burnette, D. C.** " BiBr<sub>3</sub> Initiated Cyclization-Addition Reactions: Total Synthesis of (+)-(S,S)-(cis-6-Methyltetrahydropyran-2-yl)acetic Acid, its *trans*-Diastereomer and Effect of Nucleophile on Oxocarbenium Ion Additions, Presented at the National Organic Symposium, Salt Lake City, Utah, June 12-16, 2005. *Poster Presentation B21.*
- 41) **Lian, Y.;** Hinkle, R. J.; **Mikowski, A. M.; Brochu, M. C.; Knowles, R. R.,** "Isotope Effects and Mechanism(s) of Fragmentation of Alkenyl Iodonium Triflate Salts," Presented at the 56<sup>th</sup> Southeastern Regional Meeting of the American Chemical Society, Durham, NC, November 10-13, 2004. *Poster Presentation 255.*
- 42) **Sprachman, M. M.;** **Litvinas; N. D., Mattern, M. C.;** Hinkle, R. J.; **Jenkins, A. T.;** **Burnette, D. C.,** "Stereoselective Tandem Cyclization-Addition Reactions Using Catalytic BiBr<sub>3</sub>," Presented at the 56<sup>th</sup> Southeastern Regional Meeting of the American Chemical Society, Durham, NC, November 10-13, 2004. *Poster Presentation 800.*

- 43) **Mattern, M. C.**; Hinkle, R. J.; "Selective Tandem Reactions Using Catalytic Bismuth Bromide," 11<sup>th</sup> Annual William & Mary Undergraduate Research Symposium, Sept. 3, 2004. *Poster Presentation*.
- 44) **Hassink, M. D.**; Hinkle, R. J. "Coupling Using Iodonium Salts," 11<sup>th</sup> Annual William & Mary Undergraduate Research Symposium, Sept. 3, 2004. *Poster Presentation*
- 45) **Sprachman, M. M.**; Hinkle, R. J., "The Use of Bismuth Catalysts in Cyclic Ether Synthesis," 11<sup>th</sup> Annual William & Mary Undergraduate Research Symposium, Sept. 3, 2004. *Poster Presentation*.
- 46) **Vortherms, A.**; Hinkle, R. J., "Iodonium Salt Synthesis and Palladium-Catalyzed Tandem Coupling Reactions," 11<sup>th</sup> Annual William & Mary Undergraduate Research Symposium, Sept. 3, 2004. *Poster Presentation*.
- 47) **Gharpure, S. J.**; **Hinkle, R. J.**; Cui, J.; Evans, P. A. "Bismuth Catalyzed Diastereoselective Etherification Reactions: Application to the Synthesis of Non-Adjacent and Fused Polycyclic Ethers," Presented at the National Organic Symposium, Bloomington, IN June 8-12, 2003. *Poster Presentation C94*.
- 48) **Hinkle, R. J.**; Evans, P. A.; Cui, J.; Delouvie, B. D., "Diastereoselective Syntheses of Di- and Trisubstituted Cyclic Ethers via Tandem Cyclization-Addition Reactions," Presented at the 225th American Chemical Society Meeting, New Orleans, LA, March 23-27, 2003. *Oral Presentation 666*.
- 49) **Litvinas, N. D.** Hinkle, R. J. "Trisubstituted Olefin Synthesis by Reaction of Benzylic Zinc Reagents with  $\beta,\beta$ -Disubstituted Alkenyl(phenyl)iodonium Triflates," Presented at the 225th American Chemical Society Meeting, New Orleans, LA, March 23-27, 2003. *Poster Presentation 579*.
- 50) Hinkle, R. J.; **Mikowski, A. M.** "Fragmentation Reactions of Alkenyl(aryl)iodonium Triflates Salts." Presented at the 223rd American Chemical Society Meeting, Orlando, FL, April 06-11, 2002. *Poster Presentation 332*.
- 51) **Litvinas, N. D.** Hinkle, R. J. "Trisubstituted Olefin Synthesis by Reaction of Benzylic Zinc Reagents with  $\beta,\beta$ -Disubstituted Alkenyl(phenyl)iodonium Triflates." Verizon Undergraduate Research Symposium at William and Mary, September 2002. *Poster Presentation*.
- 52) **Henry, C. E.**; Hinkle, R. J. "Investigation of Titanium Aryloxy Complexes as Carbocyclization Pre-Catalysts." Verizon Undergraduate Research Symposium at William and Mary, September 2002. *Poster Presentation*.
- 53) **Hill, A.**; Hinkle, R. J. "Addition of Organozinc Reagents to Alkenyl(phenyl)-iodonium Salts: Syntheses of Trisubstituted Olefines." Verizon Undergraduate Research Symposium at William and Mary, September. 2002. *Poster Presentation*.
- 54) **Brochu, M. P.**; Hinkle, R. J. "Deuterium Isotope Effects in Iodonium Salt Fragmentations," Verizon Undergraduate Research Symposium at William and Mary, September. 2001. *Poster Presentation*.

- 55) **Mikowski, A. M.**; Hinkle, R. J. "Fragmentation Reactions of Alkenyl(aryl)iodonium Salts," Verizon Undergraduate Research Symposium at William and Mary, September. 2001. *Poster Presentation*.
- 56) **Litvinas, N. D.**; Hinkle, R. J. "Organozinc Reactions with Alkenyl(aryl)iodonium Triflates," Verizon Undergraduate Research Symposium at William and Mary, September. 2001. *Poster Presentation*.
- 57) **Carra, R. J.**; Hinkle, R. J., "Cyclization Reactions Utilizing Titanium Aryloxy Compounds," Hinkle, R. J. Verizon Undergraduate Research Symposium at William and Mary, September. 2001. *Poster Presentation*.
- 58) **Henry, C. E.**; Hinkle, R. J., "Titanium Aryloxy Pre-catalysts for Intramolecular Cyclizations," Hinkle, R. J. Verizon Undergraduate Research Symposium at William and Mary, September. 2001. *Poster Presentation*.
- 59) **Hinkle, R. J.**; **Rouse, E. A.**; **McNeil, A. M.**; **Thomas, Q. A.**; **Thomas, D. B.** "Vinyl Cations from Alkenyl(aryl)iodonium Salts: Are Primary Vinyl Cations involved?" Presented at the 221st American Chemical Society Meeting, San Diego, CA, April 01-05, 2001. *Oral Presentation 450*.
- 60) **Pasek, M.**; Hinkle, R. J., "An Investigation of the Reaction of Alkenyl(aryl)iodonium Salts with Zinc Reagents," Verizon Undergraduate Science Research Symposium, 15 September 2000; *Poster Presentation, 54*.
- 61) **Mikowski, A. M.**; Hinkle, R. J., "The Attempted Synthesis of Alkenylbenziodoxole Derivatives," Verizon Undergraduate Science Research Symposium, 15 September 2000; *Poster Presentation, 52*.
- 62) **Rouse, E. A.**; Hinkle, R. J., "Primary Vinyl Cations: The Fragmentation of Alkenyl(aryl)iodonium Triflates," Verizon Undergraduate Science Research Symposium, 15 September 2000; *Poster Presentation, 62*.
- 63) **Hinkle, R. J.**; **Rouse, E. A.**; **McNeil, A. J.** "Fragmentation of Alkenyl(aryl)iodonium Triflates via Vinyl Cations," Presented at the 220th American Chemical Society Meeting, Washington, DC, August 19-24, 2000. *Oral Presentation 295*.
- 64) **Hinkle, R. J.**; **Leri, A. C.**; **David, G. A.**; **Erwin, W. M.** "Addition of Benzylzinc Halides to Alkenyl(phenyl)iodonium Triflates: Stereoselective Synthesis of Trisubstituted Alkenes," presented at the 219<sup>th</sup> National American Chemical Society Meeting, San Francisco, CA, March 26-30, 2000; *Poster Presentation, 535*.
- 65) **McNeil, A. J.**; Hinkle, R. J. "Synthesis and Decomposition of  $\beta$ -Disubstituted Alkenyl(aryl)iodonium Triflates." Arnold and Mabel Beckman Scholars Symposium, Irvine, CA, July 1999. *Poster Presentation*.
- 66) Hinkle, R. J.; **David, G. A.**; Erwin, W. M. "Addition of Organozinc Reagents to Alkenyl(phenyl)iodonium Triflates: Synthesis of Trisubstituted Alkenes." Southeast Regional Meeting of the American Chemical Society (SERMACS), Knoxville, TN, 17-20 October 1999, abstract 381. *Poster Presentation*.

- 67) **Leri, A. C.**; Hinkle, R. J. "Cross-couplings Between Alkenyl(aryl)iodonium Salts and Organozinc Reagents." Undergraduate Meeting in Miniature of the Southeast Regional Meeting of the American Chemical Society (SERMACS), Knoxville, TN, 16-17 October 1999, abstract 40. **Poster presenter awarded \$75.00 cash for excellence in the session.**
- 68) **David, G. A.**; Hinkle, R. J. "Reactions of Vinyl Iodonium Triflate Salts and Organozinc Reagents." GTE Undergraduate Science Research Symposium, 10 September 1999. *Poster Presentation.*
- 69) **Leri, A. C.**; Hinkle, R. J. "Cross-couplings Between Alkenyl(aryl)iodonium Triflate Salts and Organozinc Reagents." GTE Undergraduate Science Research Symposium, 10 September 1999. *Poster Presentation.*
- 70) **Andrews, M. N.**; Hinkle, R. J. "Attempted Syntheses of Vinyl Benziodoxoles." GTE Undergraduate Science Research Symposium, 10 September 1999. *Poster Presentation.*
- 71) **McNeil, A. J.; Thomas, Q. B.; Andrews, M. N.** (Robert J. Hinkle), 13<sup>th</sup> National Conference on Undergraduate Research, April 8-10, University of Rochester, Rochester, NY. *Poster Presentation.*
- 72) **Hinkle, R. J.; Aubry, Q. D.; McNeil, A. J.**; presented at the 216<sup>th</sup> National American Chemical Society Meeting, Boston, MA, August 23-27, 1998; *Poster Presentation, 240.*
- 73) **Hinkle, R. J.; Thomas, D. B.** "Generation of Primary Vinyl Cations from Alkenyl(aryl)iodonium Triflates, presenting at 49<sup>th</sup> ACS Southeast Regional Meeting, Roanoke VA, October 19-22, 1997; *Poster Presentation.*
- 74) **Hinkle, R. J.; Stang, P. J.; Arif, A. M.** "Novel Formation of Platinaoxacyclic Compounds and Heck Coupling Product via Reaction of ( $\sigma$ -2-propenyl)(PPh<sub>3</sub>)<sub>2</sub>Pt(II) Triflate with Acrylate Esters," presented at 205<sup>th</sup> National ACS Meeting, Denver, CO, March/April, 1993; included in special "Sci-Mix" session; *Poster Presentation, 056*
- 75) **Hinkle, R. J.; Zhong, Z.; Stang, P. J.**, " $\sigma$ -Metal Triflates: The Reaction of ( $\sigma$ -vinyl) Platinum(II) Triflates with Acrylates," presented at 16<sup>th</sup> NSF Organometallic Workshop, Snowbird, Utah, May, 1992; *Poster Presentation.*
- 76) **Mayo, D. W.; Butcher, S. S.; Hinkle, R. J.; Bartlett, L. G.; Sewall, C. J.; Hirth, B. H.; Pike, R. M.; †Ryan, J.; †Riley, L.**, "A High Resolution Short Path Microscale Distillation Column: The Hickman-Hinkle Still," presented at Pittsburg Conference, Atlanta, GA, March, 1989; Abstract 967. †Ace<sup>®</sup> Glass Company.
- 77) **Mayo, D. W.**; Hinkle, R. J.; Butcher, S. S.; Pike, R. M.; †Ryan, J., "A Simple, Highly Efficient Spinning Band Microdistillation Column," presented at Pittsburg Conference, Atlantic City, NJ, February, 1987; Abstract 089. †Ace<sup>®</sup> Glass Company.

## PATENTS

- 1) Robert J. Hinkle, Shane E. Lewis, "Substituted Benzopyran Compositions," USPTO *Provisional Application* 61/719,992; filed 30 October 2012.
- 2) Robert J. Hinkle, "Trisubstituted Tetrahydropyran Compositions," USPTO *Provisional Application* 61/715,433; filed 18 October 2012.
- 3) Coinventor of Hickman-**Hinkle** and similar distillation columns sold by Ace<sup>®</sup> and Corning<sup>®</sup> Glass companies; U. S. Patent 4,770,746 (1987).

### PROFESSIONAL SERVICE (past and present)

- 1) Chemistry NTE Faculty Search Committee (fall 2013).
- 2) Chair, Athletic Policy Committee (fall 2013--present).
- 3) Committee to Evaluate Vice President Sam Jones (spring 2013).
- 4) Beckman Scholars' National Advisory Committee.
- 5) Nominations and Elections Committee (fall 2012—present)
- 6) Chemistry Faculty Search Committee, Chair (fall 2011).
- 7) Athletic Policy Committee (2011-2012).
- 8) American Chemical Society (ACS) National Award Committee.
- 9) Learning Space Study Committee (2010).
- 10) Swem Library Policy Committee (2010--2012).
- 11) Gordon Research Conference Discussion Leader for David W. C. MacMillan and Shu Kobayashi, July 2009.
- 12) HHMI fellowship selection committee, 2008, 2009, 2011.
- 13) Chair of Building and Safety Committee, Chemistry (Fall 2006 to 2009).
- 14) Graduate Program Committee, Chemistry--continuing.
- 15) Instrumentation Committee, Chemistry 2008, 2009.
- 16) *Arkivok* Board of Referees (online peer-reviewed journal, 2002 to 2009).
- 17) Presided over National American Chemical Society (ACS) Meeting Symposium Session, August 31, 2005.
- 18) Chair of Instrumentation Committee, chemistry (fall 2005 to spring 2006).
- 19) NSF Review Panel Participant (2004).
- 20) Chair of Chemistry Seminar Committee (spring 2004-fall 2006).
- 21) Rogers Expansion and Renovation Committee.
- 22) Goldwater Scholarship Committee member and Chemistry Liason (beginning 08/01)
- 23) Faculty Search Committee (Fall, '01), Department of Chemistry.
- 24) College Committee on Academic Space Planning (Aug. 2002 to 2005).
- 25) Appeared before Board of Visitors for chemistry building renovation hearing.
- 26) Provided information and conducted a departmental tour for a State Council of Higher
- 27) Education of Virginia (SCHEV) Capital Spending Representative.
- 28) Provided information and conducted a departmental tour for the Board of Visitors Buildings and Grounds Committee.
- 29) Rogers Hall Renovation and Expansion Pre-Planning Committee.
- 30) Howard Hughes Medical Institute Planning Committee.
- 31) Co-Chair (with Patty Zwollo of Biology) of Howard Hughes Medical Institute
- 32) Seminar Committee.
- 33) Beckman Scholars Grant Participant.
- 34) Chair of Chemistry Library Committee.
- 35) Alpha Lamda Phi Honor Society Advisor.
- 36) Curriculum Committee, Department of Chemistry
- 37) Computer Proficiency Assessment Committee, Department of Chemistry.

- 38) Presented annual student GRE review session ('99-'00).
- 39) Monroe Scholar Luncheon Speaker.
- 40) Departmental Secretary 1/97-8/97.
- 41) Volunteer for Student Open House (April 19, 1997).
- 42) Graduate Committees

#### **M.S. Committees**

Stephen Laws, 2013  
 Todd Hovey, 2011  
 Sara Kampfe (Chair), 2010  
 Jia Liu (Chair), 2009  
 Matthew Jones, 2008  
 Yajing Lian (Chair), 2006  
 Elizabeth Miller, 2000

#### **Ph. D. Committees:**

Zhenrong Guo, July 2005

#### **Freshmen Student Advising:**

##### **2013-2014**

|                     |                    |
|---------------------|--------------------|
| Carstens, Eric A.   | Gibbs, Haley V.    |
| Harris, Thomas D.   | Kim, Ji Eun        |
| Lee, Vanessa J.     | Naisbett, Paul A.  |
| O'Brien, Cathryn K. | Sawyer, Brendan B. |
| Simonds, Mark H.    |                    |

##### **2012-2013**

|                     |                    |
|---------------------|--------------------|
| Christoph. John M.  | Crockett, Heidi M. |
| Finnell, Evan T.    | Murphy, Conor J.   |
| Paisley, Caitlin E. | Sachs, Abraham E.  |

##### **2011-2012**

|                      |                          |
|----------------------|--------------------------|
| Klein, Scott R.      | Leudtke, Micah J.        |
| McDonald, Jessica A. | McClanahan, Alexander M. |
| McMurray, Evan L.    | Qin, Yusheng             |
| Romero, Jaqueline Y. | Ruse, Stacia M.          |

##### **2010-2011**

|                         |                      |
|-------------------------|----------------------|
| Komatsu, Christopher H. | Leon, Sheridan       |
| Marshall, Lauren P.     | McCarron, Matthew A. |
| Merryman, Caroline P.   | Millery, Kelsey E.   |
| Powell, Teresa M.       | Styal, Medha K.      |

##### **2008-2009**

|                       |                  |
|-----------------------|------------------|
| Liam Anastasia-Murphy | Madison Hannon   |
| Samantha Applin       | Eileen Nenninger |
| Anne Armstrong        | Courtney Reed    |
| Eva Baker             | Emily Stephens   |

##### **2007-2008**

|                      |                      |
|----------------------|----------------------|
| Anne F. Armstrong    | Meredith A. Tighe    |
| Jeffrey L. DeMars    | Marshall R. Tuck     |
| Elizabeth M. Terrell | Christopher W. Tyson |

##### **2006-2007**



Adrian Ardon  
Stephanie Bomberger  
Maura Checcio  
Sallie Ford

Dana Harvey  
Brian Vanderlinden  
Jonathan Weiss  
Oshun Wilson

**2005-2006**

Annika Armstrong  
Robert Bridge  
Carolyn Brown  
Justin Coffey  
Lauren Giles

Daniel Leiva  
Michael Marotta  
Mary Murphy  
Mara Rozenkrantz

**2004-2005**

Sarah R. Bennett  
Zachary R. Bradford  
Mark W. Cohee  
Katherine E. Harris  
Carter N. Kirk

Christopher D. Landry  
Catherine S. Martin  
Ashwin Rastogi  
Samuel R. Rhodes

**1998-1999**

Laura Bottalico  
Janet Chapman  
Ross Dodge  
Stephanie Kelley  
Jennifer Lim  
Matthew Rossi

Rekha Durga  
Lauren Connolly  
Joshua Hall  
Amy Lemau  
Andrew Ridenour  
Michael Wagner

**1997-1998**

Bridget Finn  
Gretchen Forbes  
Kathryn Guy  
Tyler Henry  
Ronald Houk

Kimberly Irby  
Michael Laccheo  
Amy Sprinkle  
Baninder "Bonnie" Taneja  
Skye Watanabe

**COMMUNITY**

Board of Directors, Colonial Road Runners, 2003-2005

**HOBBIES**

Bicycling, Furniture making, Motorcycle riding.