### CURRICULUM VITAE

## VALERIE S. BANSCHBACH

## **Contact Information**

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## Education

Education	
1992	Ph.D., Biology, University of Miami, Coral Gables, FL;
	Dissertation advisor: Keith D. Waddington
1989	Tropical Biology: An Ecological Approach, Graduate field course,
	Organization for Tropical Studies, San Jose, Costa Rica
1986	B.A., Biology, Pomona College, Claremont, CA
1985	Primate Social Behavior course in Panama, School for Field
	Studies, Cambridge, MA

## **Professional Appointments**

2010 – present	Director, Environmental Studies Program, Saint Michael's College, VT
2008 – present	Professor, Saint Michael's College, VT
2005 - 2010	Chair, Biology Department, Saint Michael's College, VT
2004	Chair, sabbatical leave substitute, Biology Department
2001 - 2008	Associate Professor, Saint Michael's College
1997 - 2001	Assistant Professor, Saint Michael's College
1995 - 97	Visiting Assistant Professor, Davidson College, Davidson, NC
1994 - 95	Research Associate and Instructor, Colorado State University, Ft.
	Collins, CO
1992 - 94	Postdoctoral Research Associate, University of Vermont,
	Burlington, VT; Grant from National Science Foundation
	(P.I. Joan M. Herbers); Studied ecological determinants of
	social structure in the ant Myrmica punctiventris
1988 - 89	Graduate Research Assistant, University of Miami; Grant from
	Whitehall Foundation (P.I. Keith D. Waddington); Studied
	foraging behavior of the honey bee Apis mellifera
1986 - 87	Herbarium Technician, Rancho Santa Ana Botanic Gardens,
	Claremont, CA
1986	Field Research Assistant in Coahuila, Mexico, for Marcie Friedman
	University of California, Berkeley; Studied parental care
	behavior and mate choice of the freshwater fish Cichlasoma
	minckleyi

## **Courses Taught**

2012 Organic Agriculture and Conservation of Biodiversity at Navdanya's

Farm in Northern India, study tour for Environmental Studies

Majors featuring 20 days of fieldwork in Uttarakhand, India

Courses Taught (co	ont'd)
2011	Ecology and Environmental Problems, lab science summer course
2010 - 12	Introduction to Environmental Studies, core course for Env majors
2007 - 09	Solving Environmental Problems, lab science seminar for first-year
2007 09	students
2005 - 07	Population Ecology, lecture and laboratory course for Biology majors
2003 - 11	Tropical Ecology course for Biology and Env majors, during winter
2002	break, co-taught in Costa Rica with other SMC Biology faculty
2003	Topics in Animal Behavior course for lab science requirement
2000 - 11	Senior Seminar, seminar for senior Biology majors
2000	Independent Research advisor to Samantha Beck
1999 - 2007	<b>Biological Reading and Writing</b> , writing-intensive seminar course for Biology majors
1999, 2009-12	General Biology: Introduction to Ecology and Evolution, lecture and laboratory
1998 - 2012	Animal Behavior, lecture and laboratory course for Biology majors
1997 - 2007	Senior Research advisor to Emily Ogilvy, Kaitlyn O'Donnell, Phil Smith,
1997 - 2007	Ann Brunelle, Becca Yeamans, Karen Bocchi, Nick Gill, Brendan
	Gow, Dan Prasol, Judy Grivetti, Amie Rennie, Kristen Bartlett, and Jake Bailey
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1007 2004	General Biology: Ecology; Cellular and Molecular laboratories
1997 - 2004	Ecology, lecture and laboratory course for Biology majors
1997 - 98	Independent Research co-advisor for Kenneth Howard, Davidson College
1997 – present	Academic advisor to 20 to 45 SMC students each semester
1996 - 97	Introductory Organismal Biology, Evolution and Ecology, lecture
	and laboratory, Davidson College;
	Evolution, several lectures, as part of a team-taught course,
	Davidson College;
	Independent Research advisor, Davidson College
1995 - 96	Introductory Cellular and Molecular Biology, lecture and
	laboratory, Davidson College;
	Invertebrate Zoology, Colorado State University
1994	<b>Independent Research for Undergraduates</b> , mentor, University of
	Vermont: Supervised ecological research project carried out
	by Noah Levit, funded by NSF REU supplement grant (P.I. Joan
	Herbers)
1992	Laboratory Assistant, Laboratory in Cytology and Histology,
1772	University of Miami
1987 - 91	Laboratory Instructor, General Biology: Ecology, Evolution, &
1707 - 71	•
	Organismal Biology for science majors, University of Miami
	Laboratory Instructor, General Biology: Cellular and Molecular
1007	Biology for science majors, University of Miami
1987	Laboratory Instructor, Developmental Biology, University of
	Miami

### **Grant Awards and Honors** 2012 Norbert A. Kuntz Faculty Service Award from Saint Michael's College, 2012; For development and leadership of the Environmental Studies Academic Program at Saint Michael's College Faculty Development Grant from Saint Michael's College for participation in the "Ant Course", 14-day myrmecology and biodiversity workshop in the Kibale Forest, Fort Portal, Uganda; Workshop administered through the California Academy of Sciences 2011 Politi Fund Award from Saint Michael's College for site visit to India to develop study abroad experience for Environmental Studies students 2010 Faculty Development Curriculum Grant: Project title: Association for Environmental Studies and Sciences Conference Attendance and Panel Participation, Portland, OR Inducted as Graduate Member into the Biological Honor Society, Beta Beta Beta 2006 Faculty Development Grant. Project title: Ants as Bioindicators, for work at the Museum of Comparative Zoology at Harvard University and in Joan Herbers's lab at the Ohio State University Faculty Development Grant. Project title: Ants as Bioindicators, for work in 2005 Costa Rica Vermont Genetics Network Faculty Summer Research Grant. Awarded directly 2004 from VGN. Project title: Ant Species Diversity in Edge vs. Interior Forest Habitats in Vermont. (\$8,000) 2003 Faculty Curriculum Development Grant, from Saint Michael's College for development of field course in tropical ecology in Costa Rica. Co-investigator: Peter Hope, Instructor of Biology. Vermont Genetics Network Grant for Summer 2004. Project title: Ant Species Diversity in Edge vs. Interior Forest Habitats in Vermont. Awarded from "internal" SMC pool of funding Travel Grant from the North American Section of the I.U.S.S.I. 1998 and the National Science Foundation for attendance at the Congress of the International Union for the Study of Social Insects, December 1998, Adelaide, Australia National Science Foundation, VT Experimental Program to Stimulate Competitive Research (VT EPSCoR) Small College Development Fund Grant; award included summer stipend for student researcher (Kristen Bartlett) (\$3000) Promoted to Full Member of Sigma Xi, the Scientific Research Society 1997 Faculty Development Fund Award, SMC 1996 Mountain Lake Biological Station, Mountain Lake Virginia, University of Virginia, Walton Fellowship Davidson College Faculty Study and Research Grant Co-Principle Investigator with Joan M. Herbers on amendment to National 1994

social insects (\$209,000)

Science Foundation Grant: Colony structure and queen-worker conflict in

### Grant Awards and Honors (cont'd)

- Outstanding Teaching Assistant Award, College of Arts and
  Sciences, University of Miami

  Biology Department Travel Award, University of Miami

  Sigma Xi, Grants-in-Aid Award;
  Biology Department Graduate Research Support Award, University of Miami

  Florida Entomological Society Minigrant

  Biology Department Travel Award, University of Miami

  Inducted as an Assoc. Member of Sigma Xi, the Scientific Research Honor Society
- **Refereed Publications** (\*denotes co-authors who were undergraduate researchers)
  - Banschbach, V.S., \*Yeamans, R.L., \*Brunelle, A., \*Gulka, A. and \*M. Holmes. 2012. Edge effects on community and social structure of Northern temperate deciduous forest ants. **Psyche**. vol. 2012, Article ID 548260, 7 pages, doi:10.1155/2012/548260. Available at: <a href="http://www.hindawi.com/journals/psyche/2012/548260/">http://www.hindawi.com/journals/psyche/2012/548260/</a>
  - Banschbach, V.S. and R. Letovsky. 2011. Teaming Environmental Biology and Business Administration Seniors on "Green" Enterprise Plans at Saint Michael's College, Colchester, VT. **Journal of Environmental Studies and Sciences.** Available at: http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s13412-011-0036-x
  - Letovsky, R. and V.S. Banschbach. 2011. Developing "green" business plans: Using entrepreneurship to teach science to Business Administration majors and business to Biology majors. **Journal of College Science Teaching**, 40(6):24-29.
  - Banschbach, V.S. and R. Letovsky. 2011. The use of corn and sugarcane to produce biofuel. Pages 6 16. In *Tested Studies for Laboratory Teaching*, Volume 32 (K. McMahon, Editor). Proceedings of the 32<sup>nd</sup> Conference of the Association of Biology Laboratory Educators (ABLE), 383 pp. <a href="http://www.ableweb.org/volumes/vol-32/v32reprint.php?ch-1">http://www.ableweb.org/volumes/vol-32/v32reprint.php?ch-1</a>
  - Banschbach, V.S. and R. Letovsky. 2010. The use of corn and sugarcane to produce ethanol fuel: A fermentation experiment for environmental studies. **American Biology Teacher**, 72(1): 31 36.
  - Banschbach, V.S., \*Brunelle, A. \*Bartlett, K., \*J. Grivetti and \*R.L. Yeamans. 2006. Tool use by the forest ant, *Aphaenogaster rudis*: Ecology and task allocation. **Insectes Sociaux**, 53: 463-471.
  - Banschbach, V.S. and J.M. Herbers. 1999. Nest movements and population spatial structure of the forest ant *Myrmica punctiventris*. **Annals of the Entomological Society of America**, 92(3): 414-423.
  - Herbers, J.M. and V.S. Banschbach. 1999. Plasticity of social organization in a forest ant species. **Behavioral Ecology and Sociobiology**, 45(6): 451-465.
  - Herbers, J.M. and V.S. Banschbach. 1998. Food supply and reproductive allocation in forest ants: repeated experiments give different results. **Oikos**, 83:145-151.
  - Banschbach, V.S., \*Levit, N. and J.M. Herbers. 1997. Nest temperatures and thermal preferences of a forest ant species: Is seasonal polydomy a thermoregulatory mechanism? **Insectes Sociaux**, 44:109-122.
  - Banschbach, V.S. and J.M. Herbers. 1996. Complex colony structure in social insects: I. Ecological determinants and genetic consequences. **Evolution**, 50(1): 285-297.

### **Refereed Publications (cont'd)**

- Banschbach, V.S. and J.M. Herbers. 1996. Complex colony structure in social insects: II. Reproduction, queen-worker conflict, and levels of selection. **Evolution**, 50(1): 298-307.
- Herbers, J.M. and V.S. Banschbach. 1995. Size-dependent nest site choice by cavity-dwelling ants. **Psyche**, 102: 13-17.
- Banschbach, V.S. 1994. Colour association influences honey bee choice between sucrose concentrations. **Journal of Comparative Physiology, A,** 175: 107-114.
- Banschbach, V.S. and K.D. Waddington. 1994. Risk-sensitive foraging in honey bees: no consensus among individuals and no effect of colony honey stores. **Animal Behaviour**, 47: 933-941.

#### **Theses and Dissertations**

- Banschbach, V.S. 1992. Response to variance in nectar concentration by honey bees, *Apis mellifera*. University of Miami, **Ph.D. Dissertation.**
- Banschbach, V. 1986. Bird use of lakes in the Claremont-Upland, California area. Pomona College, **B.A. Thesis**: http://scholarship.claremont.edu/pomona\_theses/69/

### **Other Recent Published Writings**

- Banschbach, V.S. "I Believe" column on wolves returning to Vermont for the **Burlington Free Press**, Green Mountain Section, October 2, 2011.
- Banschbach, V.S. "I Believe" column on outdoor education for the **Burlington Free Press**, Green Mountain Section, September 22, 2010.

#### **Conference Presentations and Invited Lectures** (\*denotes undergraduate co-authors)

- 2011 Entomological Society of America, National Meeting, Reno, NV; Co author on Emily Ogilvy\*'s poster presentation "A study of ant diversity in burned and unburned sandplain forest in Vermont".
  - Association for Environmental Studies and Sciences, Annual Meeting,
    University of Vermont, Burlington, VT; Panelist for session on
    "Environmental Studies and Sciences Program Development
    and Assessment"; Presentation "Developing an Environmental Studies
    Program at Saint Michael's College in Vermont". Co-authors J. Ayres, B.
    Findley and R. Kujawa.
- Association for Environmental Studies and Sciences, Annual Meeting, Lewis and Clark College, Portland, OR; Panelist for Session on "Capstones and Practica in Environmental Studies and Sciences"; Co-author R. Letovsky.
  - Association for Biology Laboratory Education, Annual Conference, Dalhousie University, Halifax, Canada; Major workshop presenter, "The use of corn and sugarcane to produce ethanol biofuel: A fermentation laboratory exercise for environmental studies." Coauthor: R. Letovsky.
- 2007 Entomological Society of America, Annual Meeting, San Diego, CA;
  Presentation title: "Ants as bioindicators: Does habitat edge affect
  community or social structure of north temperate deciduous forest ants?";
  Coauthors: B. Yeamans\*, A. Brunelle\*, A. Gulka\* and M. Holmes\*

Conforme	Presentations and Invited Lectures (cont'd)
2005	Vermont Genetics Network Annual Symposium, South Burlington, VT;
2002	Presentation title: "Ants as bioindicators: Habitat fragmentation affects ant
	social structure"; Coauthors: A. Brunelle*, A. Gulka* and M. Holmes*
2000	Entomological Society of America, Joint Meeting with the
	Entomological Society of Canada and the Société d'Entomologie
	du Quèbec, Montréal, Quèbec, Canada; Coauthors: K. Bartlett* and J.
	Grivetti*, SMC Class of 2000; Presentation title:"Tool use during foraging
	by a forest ant, Aphaenogaster rudis: Interspecific competition and
1000	division of labor"
1998	Invited presentation at the XIIIth Congress of the International Union for the
	Study of Social Insects, Adelaide, Australia; Presentation title, "Teaching Ecology and Behavior Courses Using Forest Ants"
1997	Entomological Society of America, National Meeting, Nashville, TN;
1991	1) My presentation had coauthors: N. Levit* and J.M Herbers;
	Presentation title:"Thermal preferences and seasonal polydomy of the
	forest ant, Myrmica punctiventris"; 2) I coauthored a presentation by
	Kenneth Howard*, Davidson College; Presentation title:"Queen number
	and reproductive differences between Leptothorax curvispinosus
	populations at two southeastern sites"
1996	Animal Behavior Society, National Meeting, Flagstaff, AZ;
	Coauthors: N. Levit* and J.M. Herbers; Presentation title:"Thermal
	preferences and seasonal polydomy of a cavity-nesting forest ant, <i>Myrmica</i>
	punctiventris" Invited presentation at the University of North Carolina, Charlotte, NC;
	Presentation title, "Ecological Determinants of Social Structure in Forest
	Ants"
1995	Invited presentation at the University of Central Oklahoma, Edmond, OK;
	Presentation title, "Ecological Determinants of Social Structure in Forest
	Ants"
	Invited presentation at Montclair State University, Upper Montclair, NJ:
	Presentation title, "Ecological Determinants of Social Structure in Forest
1994	Ants" International Behavioral Ecology Congress, Nottingham, United
1774	Kingdom; Coauthor: J.M. Herbers; Presentation title:"Ecology and
	genetics of social structure in two populations of the ant <i>Myrmica</i>
	punctiventris"
	Invited presentation at XIIth Congress of the International Union for the Study of
	Social Insects, Paris, France; Coauthor: J.M. Herbers; Presentation title,
	"Ecological Genetics of Queen Number in Myrmica punctiventris"
1992	Entomological Society of America, National Meeting, Baltimore,
	MD; Presentation title:"Honey bee foraging behavior: The effects
	of nectar sugar concentration and color association"

## **Contributed Presentations and Invited Lectures (cont'd)** 1991 Animal Behavior Society, National Meeting, Wilmington, NC; Coauthor: K.D. Waddington; Presentation title: "Effects of Colony honey stores on risk-sensitive foraging by honey bees, Apis mellifera" 1987 American Society of Zoologists, National Meeting, New Orleans, LA: **American Zoologist** 27(4):45A. Abstract #212: Presentation title:"Association of greater waterbird lake visitation with greater habitat diversity and water surface area" Recent Academic Presentations to the Saint Michael's College Community Panelist and essayist for the Common Text, Orientation Week for First-Year 2010 Students; Topic was climate change and Elizabeth Kolbert's *Field Notes* from a Catastrophe Social Science Research Consortium Seminar, "Developing Green Business Plans: Teaming Biology and Business Students"; Co-presenter: R. Letovsky **Conference and Workshop Participation** 2012 "Ant Course", myrmecology and biodiversity assessment training, 14 days of fieldwork in the Kibale National Forest, Fort Portal, Uganda, administered by the California Academy of Sciences 2011 International Environmental Conflict Conference, Institute for Environmental Diplomacy and Security, University of Vermont, Burlington, VT 2010 Sustainability Across the Curriculum, Campus Compact, Middlebury College, Middlebury, VT 2009 Renewing the Campus: The Catholic University and Sustainability, Notre Dame University, South Bend, Indiana 2008 Vermont Businesses for Social Responsibility, conference held at Champlain College, Burlington, VT NSF Grant writing workshop, Davis Center, UVM, Burlington, VT Community Mapping Institute, Summer Geographic Information 2004 Systems Workshop, Vermont Institute of Natural Science, held at SMC Council on Undergraduate Research, Posters on the Hill Symposium, Washington, D.C. Attended as research mentor to Becca Yeamans Annual Meeting of the Acadian Entomological Society and the Maine 2003 Entomological Society, Bar Harbor, Maine; Invited judge of graduate student presentation competition 2000 New England Board of Higher Education, Environmental Internship Symposium, Killington, VT Vermont Bird and Botanical Society Conference, Quimby, VT Vermont Bird Conference, Woodstock, VT

Cambridge, Massachusetts

Chautauqua Workshop: Conservation Biology Considered, for college teachers

of conservation biology and environmental science, Harvard University,

1999

	orkshop Participation (cont'd)
1999 New 1	England Board of Higher Education, Environmental Internship
1000 Varra	Symposium, Stowe, VT
	ont Bird Conference, Burlington, VT
1997 Teach	ning workshop at the Entomological Society of America, National Meeting,
<b>G</b> •	Nashville, TN
Service	
Professional 2012	
2012	External thesis defense evaluator for Marlboro College Biology student, Joella Adkins-Simons, Marlboro, Vermont
	Book chapter reviewer: United States Geological Service, Colorado Plateau Proceedings
2010 – present	Scientific Advisory Board Member, Keeping Track, Inc. wildlife monitoring and conservation planning non-profit organization
2008	External reviewer for the Biology program at Western New England College in Springfield, Massachusetts
2006	Guest journal editor: Northeastern Naturalist
2004	Vermont Institute of Natural Science, BioBlitz Volunteer Scientist
2003	Grant proposal reviewer: National Science Foundation/VT EPSCoR
1999 - 2000	Secretary, Vermont Chapter of Sigma Xi, the Scientific Research Society
1998	Moderator for Science and Math Session II of the Vermont Acad. Arts and Sciences Intercollegiate Student Symposium
1992 <b>-</b> present	Manuscript reviewer for refereed journals: Animal Behaviour;
1992 present	Environmental Entomology; Evolution; Journal of Animal
	Ecology; Journal of Experimental Psychology: Animal Behavior
	Processes; Ecology; Western North American Naturalist
Community	Trocosses, Zeorogy, Western Portin Timorreum Putturist
2012- present	Executive Committee member, Public School Directors, Chittenden East Supervisory Union, March 2007-08; January 2012- present
2011-present	Future of the Flats, Underhill ID School Board "Champion" for Safe Routes to Schools planning in the Underhill Flats Community, VT
2006-present	Public School Director, Underhill Incorporated District School Board,
2000 present	Jericho, VT; Board Chair March 2007 -08, and January 2012 – present; Vice Chair 2008 -10
2006	Lecturer for community workshop: "All in Place: A Celebration of
2000	the Local Landscape", October 14, at the Jericho Research Forest, Jericho, VT
2005 – present	Volunteer guest teacher for preschool to fourth grade children at The Green Mountain Montessori School and at the Underhill I.D. Elementary School
1998	Speaker at the University of Vermont's Biology Career Day
1996	Volunteer guest teacher to second and third grade students at Davidson Elementary School, Davidson, NC
1992 - 94	Volunteer Scientist, Science-By-Mail program for elementary school children

Service (cont'd)	A intime for William in Coince Victor of Chanter would
1992 - 93	Association for Women in Science, Vermont Chapter, mentor for undergraduate women interested in science
College	for undergraduate women interested in science
2012	Mentor for John C. Harnett Endowment SMC summer student interns
	Devin Latremore and Aerielle Matsangos, 8 weeks of data collection on sandplain forest macroinvertebrate biodiversity at the Camp Johnson, Vermont Army National Guard Base, Colchester, VT
2011 - present	Faculty Welfare Committee, elected member for 2011 – 2013
2011	Co-sponsor and organizer: Mission Wolf and Susan Morse, "Room at the Top" presentation on the role of wolves in ecosystems featuring live wolves undergoing rehabilitation; Co-Sponsor "Groundwater Up" film screening about the water crisis in Delhi, India
2010 – present	Career Advisory Committee member
r	Member of the Faculty Dispute Resolution Panel
2010 - 2011	Chair of Search Committee for Environmental Studies faculty position
2010	Sponsor/organizer or co-sponsor of visiting speakers: Dr. Vandana Shiva; Dr. John Kricher; Dr Michael McCormick
	Mentor for student Emily Ogilvy's successful application for an SMC VPAA research grant for summer research project
2010	Independent study advisor for Anna DiSanto: Friends of the Winooski Internship follow-up project
2009 – 2010	Environmental programs curricular working group leader; Sponsor, organizer or co-sponsor of visiting speakers: The Beehive Collective, artists for social justice; the Mountaintop Removal Roadshow
2008 – 2010	Faculty Council elected member; Chair for 2009 -10 academic year; Faculty Executive Committee member
2008 - 2009	Chair of Search Committee for Biology faculty position at SMC
2008	Panel member for Teaching Resources Committee discussion of interdisciplinary courses: "A Room with Two Views"
2007- present	Environmental Council member
	Internship advisor for Nick Angelo, Krissy Oines (Essex Junction Wastewater Treatment Plant); Louis Annino, Juliette Gaudier-Jabaut, Taylor Luneau, Kevin O'Riordan, Corey Mosizek (Keeping Track Inc.); Hilary Nardone, Lynsey Nally (Sopher Investments and Native Energy); Andrea Navia-Macozek (Veterninary clinic); Mike Nadeau (Fish and Wildlife Service, Massachusetts)
2007	Internship Advisory Committee Faculty Evaluation of Administrators Committee Initiator and editor of electronic newsletter for Biology Department alumni, students and prospective students Panel member for Teaching Resources Committee discussion of how to write effective letters of recommendation

Service (cont'd)  College	
2006	Conducted School for Field Studies program site visit: traveled to
2000	Atenas, Costa Rica in October, 2006 to evaluate "Sustainable
	Development Studies" SFS program as study abroad option for SMC
	students
	Participant in Saint Michael's College Service Learning Workshop
2004 – present	Prepared and presented information on SMC Biology Department program for prospective students and their parents on Admissions weekend for Biology and pre-healthcare career students, each September
2004 - 2010	Reader for Environmental Studies Minor students' Senior theses: Erin
2002	Brosnan; Erica Kensey; Lynsey Nally
2003 - present	SMC institutional representative to School for Field Studies, affiliate field study abroad program
2003 - 04	Admissions and Financial Aid Committee
	Mentor for successful Vermont Genetics Grant Summer
	Student Research grant proposals by Ann Brunelle, Annie Gulka &
	Maggie Holmes; mentored their research projects for 6 weeks during summer of 2004
2003	Mentor for Becca Yeamans's successful Clare Booth Luce grant
	proposal for summer research stipend; mentored her research during summer of 2003
2002 - 03	Faculty Evaluation of Administrators Committee
2001 - 02	Human Subjects Committee
2000 - 01	Chair of Search Committee to fill Plant Biologist position at SMC;
	Association of Vermont Independent Colleges Environmental Science/Studies Task Force member
2000	Participant at Saint Michael's College Annual Joint Planning
2000	Retreat
1999 - 2004	Coordinator of the Environmental Science Major at SMC
1999	Sponsored successful Daniel Bean Research Scholarship proposal
	by Judy Grivetti, undergraduate student at SMC and mentored her research during summer 1999;
	Evaluated Environmental Studies Senior Paper by Tammy
	Martin, undergraduate student at Saint Michael's College;
	Member of Search Committee to fill Geneticist/Microbiologist Position at SMC
1998 - 2000	Member of the Curriculum and Educational Policy Committee,
	Saint Michael's College (Secretary during 1999 – 2000)
1998	Member of Search Committee for Neurobiologist position at SMC;
	Participant at Saint Michael's College Annual Joint Planning Retreat;
	Speaker in "Research in an Electronic Environment" Course at Saint
	Michael's College (LS 101)

## Service (cont'd)

Collège	
1997- 98	Member of Search Committee for Visiting Asst. Professor position
	in Biology Dept. at SMC
1996-97	Honors Thesis Reader for Janet Stevens, undergraduate, Davidson College
1996	Sponsored successful Sigma Xi Grant-in-Aid proposal by Kenneth
	Howard, undergraduate student at Davidson College

## **Professional Affiliations and Honor Societies**

Animal Behavior Society	Entomological Society of America
Assoc. for Envtl Studies and Sciences	International Union for the Study of Social Insects
Beta Beta Beta	Sigma Xi