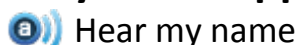


Punya Nachappa



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Educational Background

2005-2008	Ph.D. (Entomology), Kansas State University, Manhattan, KS.
2002-2004	M.S. (Entomology), University of Georgia, Athens, GA.
1997-2001	B.Sc. (Agriculture), University of Agricultural Sciences, Bangalore, India.

Professional Appointments

August 2012-Current	Assistant Professor, Department of Biology Indiana University-Purdue University Fort Wayne
April 2010-July 2012	Post-Doctoral Research Associate, Department of Entomology, Texas A & M University
September 2008- March 2010	Post-Doctoral Research Associate, Department of Entomology, Kansas State University
2005-August 2008	Graduate Research Assistant, Department of Entomology, Kansas State University
2002-2004	Graduate Research Assistant and Teaching Assistant, Department of Entomology, University of Georgia

Publications

Refereed

1. **Nachappa, P.**, Levy, J., Pierson, E., and Tamborindéguy, C. 2014. Bacterial plant pathogen titer in its insect vector correlates with reduced population growth rate of the vector. *Journal of Invertebrate Pathology* 115:55-61.
2. **Nachappa, P.**, Margolies, D. C., Nechols, J. R., Whitfield, A. E., and Rotenberg, D. 2013. *Tomato spotted wilt virus* benefits a non-vector arthropod, *Tetranychus urticae*, by modulating different plant responses in tomato. *PLoS ONE* 8(9): e75909
3. Nalam, V. J., Shah, J., and **Nachappa, P.** 2013. Emerging role of roots in plant responses to aboveground insect herbivory. Invited review. *Insect Science* 20: 286-296
4. Hout, O. B., **Nachappa, P.**, and Tamborindéguy, C. 2013. The evolutionary strategies of plant defense have a dynamic impact on the adaptations and interactions of vectors and pathogens. Invited review. *Insect Science* 20: 297-306.
5. **Nachappa, P.**, Levy, J., and Tamborindéguy, C. 2012. Transcriptome analyses of *Bactericera cockerelli* adults in response to "*Candidatus Liberibacter solanacearum*" infection. *Molecular Genetics and Genomics* 287 (10): 803-817.
6. **Nachappa, P.**, Shapiro, A. A., and Tamborindéguy, C. 2012. Effect of "*Candidatus Liberibacter solanacearum*" on the fitness of its vector, *Bactericera cockerelli* (Hemiptera: Triozidae). *Phytopathology* 102 (1): 41-46.
7. **Nachappa, P.**, Levy, J., Pierson, E., and Tamborindéguy, C. 2011. Diversity of endosymbionts in the potato psyllid, *Bactericera cockerelli* (Hemiptera: Triozidae) vector of zebra chip disease. *Current Microbiology* 62:1510-1520.

8. **Nachappa, P.**, Margolies, D.C., Nechols, J.R., and Campbell, J.F. 2011. Variation in predator foraging behavior changes predator-prey spatio-temporal dynamics. *Functional Ecology* 25: 1309-1317.
9. Medina, R., **Nachappa, P.**, and Tamborindeguy, C. 2011. Differences in bacterial diversity of Host-associated populations of *Phylloxera notabilis* Pergande (Hemiptera: Aphididae) in pecan and water hickory. *Journal of Evolutionary Biology* 24 (4):761-771.
10. **Nachappa, P.**, Margolies, D.C., Nechols, J.R., and Morgan, T.J. 2010. Genetic variation of foraging behaviors and associated life histories in a predatory mite. *Evolutionary Ecology* 24: 631-655.
11. Gordon, S., Hartley, C., Ipser, R., **Nachappa, P.**, and Wiltz, B. A. 2007. Will elevating urban entomology to a formal section within the Entomological Society of America better address the unique entomological problems that impact the urban setting? *American Entomologist* 53(2): 106-107.
12. **Nachappa, P.**, Margolies, D.C., and Nechols, J.R. 2006. Resource-dependent giving-up time of the predatory mite, *Phytoseiulus persimilis*. *Journal of Insect Behavior* 19: 741-52.
13. **Nachappa, P.**, Margolies, D.C., Nechols, J.R., and Loughin, T. 2006. *Phytoseiulus persimilis* response to herbivore-induced plant volatiles as a function of mite-days. *Experimental Applied Acarology* 40: 231-239.
14. **Nachappa, P.**, Guillebeau, L. P., Braman, S.K., and All, J. N. 2006. Susceptibility of twolined spittlebug, *Prosapia bicincta* (Say) (Hemiptera: Cercopidae) life stages to entomophagous arthropods in turfgrass. *Journal of Economic Entomology* 99(5): 1711-1716.
15. **Nachappa, P.**, Braman, S.K., Guillebeau, L. P., and All, J. N. 2006. Functional response of the tiger beetle, *Megacephala carolina carolina* (Coleoptera: Cicindelidae) on twolined spittlebug (Hemiptera: Cercopidae) and fall armyworm (Lepidoptera: Noctuidae). *Journal of Economic Entomology* 99(5): 1583-1589.
16. **Nachappa, P.**, Braman, S.K., and Guillebeau, L. P. 2006. Exclusive use of hollies as male-specific hosts of twolined spittlebug (Hemiptera: Cercopidae). *Journal of Entomological Science* 41: 261-263.

Book chapters

1. Nalam, V.J., and **Nachappa, P.** The role of roots in plant defense responses. In Ajit Varma and Asuncion Morte (eds), *Root Engineering* by Springer Editorial (Heidelberg, Germany).
2. Margolies, D.C., **Nachappa, P.**, and Nechols, J.R. 2007. Breeding for and maintaining foraging ability in the predatory mite, *Phytoseiulus persimilis*. Pp. 87-90 In J.C. van Lenteren, P. DeClercq and M.W. Johnson (eds.), *Proceedings of the 11th Meeting of the Working Group Arthropod Mass Rearing and Quality Control*, 28 October – 1November 2007, Montreal, Canada. *Bulletin IOBC Global No. 3*.

Non-refereed

1. Tamborindeguy, C., and **Nachappa, P.** 2011. Investigating Effects of “*Candidatus Liberibacter Solanacearum*” Infection on Psyllid Populations. *Proceedings of Annual Zebra Chip Reporting Session*, San Antonio, TX.
2. Tamborindeguy, C., **Nachappa, P.**, and Shapiro, A. 2010. Consequences of “*Candidatus Liberibacter solanacearum*” on Psyllid Populations. *Proceedings of Annual Zebra Chip Reporting Session*, Dallas, TX. Pp 164-168.
3. Margolies, D.C., Nechols, J.R., and **Nachappa, P.** 2007. A framework to assess predator response to herbivore-induced volatiles. *Journal of Insect Science* 7:16 (abstract of presentation at the XIV International Entomophagous Insects Workshop, 2006, Newark DE).

4. Atilas, J, H., Guillebeau, L. P., and **Nachappa, P.** 2004. “Keeping pests out of my house: mosquitoes are biting my baby”. Bulletin # HACE-E-58. Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, The University of Georgia College of Agricultural and Environmental Sciences and the U.S. Department of Agriculture cooperating.
5. Guillebeau, L.P., Atilas, J.H., and **Nachappa, P.** 2004. “Keeping pests out of my house: fleas are biting my pet”. Bulletin # HACE-E-59. Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, The University of Georgia College of Agricultural and Environmental Sciences and the U.S. Department of Agriculture.

Competitive Grants

- | | |
|------|---|
| 2014 | Surveying Indiana soybean for soybean vein necrosis virus and evaluating new management practices. Indiana Soybean Alliance (\$ 29,868). Punya Nachappa (PI) and Christian Krupke. |
| 2013 | Dissecting the ecological and molecular mechanisms underlying the interaction between soybean plant, soybean aphid, and soybean mosaic virus. Indiana Academy of Sciences (\$2970) Chris Culkun (MS student) and Punya Nachappa |
| 2013 | Understanding vector efficiencies and life histories of potential thrips vectors of Soybean Vein Necrosis Associated Virus. National Institute of Food and Agriculture-Agriculture and Food Research Initiative Competitive Grants Program (NIFA-AFRI) \$149,995. Punya Nachappa (PI) . |
| 2013 | Dissecting the ecological and molecular interaction between the plant pathogen, “ <i>Candidatus Liberibacter solanacearum</i> ” and the potato psyllid, <i>Bactericera cockerelli</i> (Hemiptera: Triozidae). NIFA-AFRI (\$10,000). Sub-award from Texas A & M to IPFW. Punya Nachappa (Co-PI) . |
| 2013 | Surveying Indiana soybean for soybean vein necrosis associated virus and evaluating new management practices. Indiana Soybean Alliance (\$ 29,968). Punya Nachappa (PI) and Christian Krupke. |
| 2012 | Efficiency of salicylate and jasmonate signaling elicitors in conferring acquired systemic resistance against soybean aphid and soybean mosaic virus (\$8,000) Purdue Research Foundation grant. Punya Nachappa (PI) . |
| 2012 | Dissecting the ecological and molecular interaction between the plant pathogen, “ <i>Candidatus Liberibacter solanacearum</i> ” and the potato psyllid, <i>Bactericera cockerelli</i> (Hemiptera: Triozidae). NIFA-AFRI (\$388,000). Cecilia Tamborindeguy and Punya Nachappa (Co-PI) . |
| 2011 | Investigating the role of endosymbionts in different populations of the potato psyllid (<i>Bactericera cockerelli</i>), vector of zebra chip disease in relevance to ecologically-important traits. Texas A&M- Consejo Nacional de Ciencia y Tecnología (CONACYT) Collaborative Research Grant Program (\$ 50,000). Cecilia Tamborindeguy, Punya Nachappa (Co-PI) and Norma Elena Leyva. |
| 2008 | Host preference and performance of vector and non-vector arthropods on tomato spotted wilt virus infected plants. NSF-Ecological Genomics Institute Seed Grant (\$ 75,000). David Margolies, Punya Nachappa (Co-PI) , James Nechols, Dorith Rotenberg, Anna Whitfield and Leslie Campbell. |
| 2007 | Testing potential crosstalk between the salicylate and jasmonate signaling pathways and its effects on trophic-level interactions. Sigma Xi Grants in Aid of Research (\$500). Punya Nachappa (PI) . |
| 2007 | Testing potential crosstalk between the salicylate and jasmonate signaling pathways and its effects on trophic-level interactions. Kansas Academy of Sciences Graduate Research Grant (\$500). Punya Nachappa (PI) . |

- 2006 Can improved predator foraging efficiency contribute to a more efficient biological control program for twospotted spider mites on tomatoes? USDA North Central Region IPM Grant (\$77,028). David Margolies, James Nechols and **Punya Nachappa (Co-PI)**.

Awards

2011-2013 NSF-Faculty Institute for Reforming Science Teaching (FIRST IV), Teaching fellowship

- 2008 R. C. Smith Ph. D. Student Award, Department of Entomology, Kansas State University (KSU)
- 2007 First place, President's Prize, Oral presentation, Entomological Society of America (ESA) Annual Meeting
- 2007 Popenoe Entomology Travel Grant for Outstanding Service, Department of Entomology, KSU
- 2007 First place in Ph.D. Student Oral Presentation, North Central Branch Meeting (NCB), ESA Meeting
- 2007 O. W. Spide Morris Graduate Student Service Award, Department of Entomology, KSU
- 2007 Gamma Sigma Delta Ph.D. Student Research Award, KSU Chapter
- 2006 R. H. Painter Ph.D. Student Award, Department of Entomology, KSU
- 2006 Second place, President's Prize, Oral presentation, ESA Annual Meeting
- 2006 International Congress of Acarology Travel Grant
- 2006 Second place in Ph.D. Student Poster Competition, NCB-ESA Meeting
- 2005-07 Don Warren Genetic Fund Scholarship, College of Agriculture, KSU
- 2005-07 Graduate Student Council Travel Grant, KSU
- 2005 Second place in Linnaean Games, NCB-ESA Meeting

Presentations

Talks

1. **Nachappa, P.** 2014. Ecology and management of soybean pests and diseases. Department of Plant Science, South Dakota State University, Brookings, SD, Spring Seminar Series, *Invited seminar*.
2. Culkin, C., Nalam, V., and **Nachappa, P.** 2014. Drought stress in soybean: Impacts on soybean aphid populations (*Aphis glycines* Matsumura) and Soybean mosaic virus infection. Indiana Academy of Sciences Annual Meeting, Indianapolis, IN.
3. **Nachappa, P.** 2013. Dissecting the ecological and molecular interaction between the plant pathogens and insect vectors. Department of Entomology, Purdue University, West Lafayette, IN, Fall Seminar Series, *Invited seminar*.
4. Tamborindéguy, C., **Nachappa, P.**, Ibanez, F., and Levy, J. 2013. Psyllids or associated microbes, who is in charge? Annual Entomological Society of America Meeting, Austin, TX
5. **Nachappa, P.** 2012. Investigating the interactions between the plant pathogens and insect vectors. Department of Biology, University of St. Francis, Fort Wayne, IN, Fall Seminar Series, *Invited seminar*.
6. Medina, R.F., Dickey, A., **Nachappa, P.**, and Tamborindéguy, C. 2012. Bacterial symbionts mediating arthropod evolutionary ecology: from local interactions to global diversity. Annual Entomological Society of America Meeting, Knoxville, TN.
7. Tamborindéguy, C., and **Nachappa, P.** 2011. Investigating effects of "*Candidatus Liberibacter solanacearum*" infection on psyllid populations. Zebra Chip Annual Reporting Session. San Antonio, TX.

8. Medina, R., **Nachappa, P.**, and Tamborindeguy, C. 2010. Bacterial diversity of host associated populations of *Phylloxera notabilis* Pergande (Hemiptera: Aphididae) in pecan and water hickory. Annual Entomological Society of America Meeting, San Diego, CA.
9. Tamborindeguy, C., **Nachappa, P.**, and Shapiro, A. A. 2010. Consequences of “*Candidatus Liberibacter solanacearum*” on Psyllid Populations. Zebra Chip Annual Reporting Session. Dallas, TX.
10. Rotenberg, D., **Nachappa, P.**, Vargas, I. B. and Whitfield, A. 2010. Dissecting the molecular interplay between plant viruses and their arthropod vectors. Annual Ecological Genomics Symposium. Kansas City, MO.
11. **Nachappa, P.** 2010. Plant-mediated interactions between pathogenic microorganisms and their insect vectors. Department of Entomology, Texas A & M University, Fall Seminar Series, *Invited seminar*.
12. Tamborindeguy, C., **Nachappa, P.**, and Shapiro, A. 2010. Shedding light on psyllid-bacteria interaction. Ecological Society of America National Meeting, Pittsburgh, PA.
13. **Nachappa, P.**, Margolies, D. C., Nechols, J. R., Whitfield, A., and Rotenberg, D. 2009. Host preference and fecundity of vector and non-vector arthropods on Tomato spotted wilt virus infected plants. Ecological Genomics Symposium Research Forum. Kansas State University. Manhattan, KS.
14. **Nachappa, P.**, Margolies, D. C., and Nechols, J. R. 2007. How do predator foraging traits affect the predator-prey interaction and biological control of twospotted spider mites? Annual ESA Meeting, San Diego, CA.
15. **Nachappa, P.**, Margolies, D. C., and Nechols, J. R. 2007. Selection on the foraging ability of a predatory mite. Current advances in acarology. Annual ESA Meeting, San Diego, CA.
16. Margolies, D.C., **Nachappa, P.**, and Nechols, J.R. 2007. Breeding for and maintaining foraging ability in the predatory mite, *Phytoseiulus persimilis*. 11th Meeting of the Working Group Arthropod Mass Rearing and Quality Control, Montreal, Canada.
17. **Nachappa, P.**, Margolies, D. C., and Nechols, J. R. 2006. Can genetic selection improve specific foraging traits of the predatory mite, *Phytoseiulus persimilis*? NCB-ESA Meeting, Winnipeg, Canada.
18. **Nachappa, P.**, Margolies, D. C., and Nechols, J. R. 2006. Can increased predator foraging efficiency contribute to a more efficient biological control program for twospotted spider mites in greenhouses? Annual ESA Meeting, Indianapolis, IN.
19. Margolies, D.C., **Nachappa, P.**, and Nechols, J.R. 2006. An ecological and evolutionary framework to assess predator response to herbivore-induced plant volatiles. XIIth International Congress of Acarology, Amsterdam, Netherlands.
20. Margolies, D.C., **Nachappa, P.**, and Nechols, J.R. 2006. A framework to assess predator response to herbivore-induced plant volatiles. XIV International Entomophagous Insects Workshop, Newark, DE.
21. **Nachappa, P.**, Braman, K. S and Guillebeau, L. P. 2004. Predator-prey dynamics of twolined spittlebug (*Prosapia bicincta*) (Say) (Hemiptera: Cercopidae) in turfgrass. Annual ESA Meeting, Salt Lake City, UT.
22. **Nachappa, P** and Guillebeau, L.P. 2003. Identification of predators of the twolined spittlebug (*Prosapia bicincta*) (Say), an economic pest on turf grasses and ornamental hollies. Annual ESA Meeting, Cincinnati, OH.
23. **Nachappa, P** and Guillebeau, L.P. 2002. Attitudes of homeowners towards pests and pesticide usage. Annual meeting of the Georgia Entomological Society, Jekyll Island, GA, October 2003.

Posters

1. Keough, S., Danels, L., Culkin, C., Nalam, V., and **Nachappa, P.** 2014. Contrasting Plant Defense Responses against Insect Vectors from Two Feeding Guilds. Indiana Academy of Sciences Annual Meeting, Indianapolis, IN.
2. Culkin, C., Nalam, V., and **Nachappa, P.** 2013. Drought stress in soybean: Impacts on soybean aphid populations (*Aphis glycines* Matsumura) and Soybean mosaic virus infection. Annual Entomological Society of America Meeting, Austin, TX. **First Place winner, President Prize.**
3. Sarker, E. N., Handa, D., Pal, P., Nalam, V., and **Nachappa, P.** 2013. Activation of soybean plant defense signaling pathways in response to soybean aphids (*Aphis glycines* Matsumura) and *Soybean mosaic virus*. IPFW Student Research and Creative Endeavor Poster Symposium/ 29th Annual Sigma Xi Student Research Competition, Fort Wayne, IN.
4. Culkin, C., Nalam, V., and **Nachappa, P.** 2013. Effect of drought stress on population growth rate of an insect pest, soybean aphid (*Aphis glycines* Matsumura). IPFW Student Research and Creative Endeavor Poster Symposium/29th Annual Sigma Xi Student Research Competition, Fort Wayne, IN.
5. **Nachappa, P.**, Levy, J., Pierson, B., and Tamborindeguy, C. 2010 Diversity of endosymbionts in two populations of potato/tomato psyllid, *Bactericera cockerelli* (Hemiptera: Triozidae). Annual ESA Meeting, San Diego, CA.
6. Shapiro, A., **Nachappa, P.**, and Tamborindeguy, C. 2010. The effects of *Ca. Liberibacter psyllaerous* on the performance of its insect vector, *Bactericera cockerelli* (Sulc) (Hemiptera: Triozidae). Annual ESA Meeting, San Diego, CA.
7. **Nachappa, P.**, Margolies, D. C., Nechols, J. R., Whitfield A. E., and Rotenberg, D. 2009. Plant-mediated interactions between *Tomato spotted wilt virus* and its insect vector, *Frankliniella occidentalis*, and a non-vector arthropod, *Tetranychus urticae*. Annual Ecological Genomics Symposium. Kansas City, MO.
8. **Nachappa, P.**, Margolies, D. C., and Nechols, J. R. 2006. *Phytoseiulus persimilis* response to herbivore-induced plant volatiles as a function of mite-days. XIIth International Congress of Acarology, Amsterdam, Netherlands.
9. **Nachappa, P.**, Margolies, D. C., and Nechols, J. R. 2006. Influence of host-plant volatiles on prey-finding by the predatory mite, *Phytoseiulus persimilis*. NCB-ESA meeting, Bloomington, IL.
10. **Nachappa, P.**, Margolies, D. C., and Nechols, J. R. 2005. Resource-dependent leaving rate of the predatory mite, *Phytoseiulus persimilis*. Annual ESA meeting, Ft Lauderdale, FL.
11. **Nachappa, P.** and Guillebeau, L.P. 2004. Identification of natural enemies of the twolined spittlebug (*Prosapia bicincta*) (Say), an economic pest on turf grasses and ornamentals. Southeastern Branch-ESA Meeting, Charleston, SC.
12. Guillebeau, L. P. and **Nachappa, P.** 2003. Collaborating with public libraries to introduce the public to Integrated Pest Management. Fourth National IPM Symposium/Workshop. North Carolina State University, Raleigh, NC.

Professional Memberships

Entomological Society of America
Indiana Academy of Sciences

Teaching Experience

Indiana University-Purdue University Fort Wayne

2013 Instructor, Insect Vector-Borne Diseases (3 credits: lecture), Graduate course

- Instructor, Principles of Structure and Function (3 credits: lecture & lab), Biology majors only
 Instructor, Introduction to Biological World (3 credits: lecture), Non-major only
 Coordinator, Senior seminar (capstone class) (1 credit), Seniors only
 Invited lecture, Medical microbiology, Upper-division class
 2012 Instructor, General Entomology (3 credits: lecture & lab), Undergraduate class
 Instructor, Introduction to Ag and Purdue/ Careers in Veterinary medicine, Undergraduate class (1 credit)
 Invited lecture, Prokaryotic diversity and molecular identification, Graduate class

Texas A & M University

- 2011 Co-Instructor, Insect Biotechnology, Undergraduate class (3 credits: lecture and lab)
 Invited Lectures (2), Plant-pathogen-vector interaction, Graduate class
 2010 Invited Lecture, Integrative Insect Biology: From Genes to Organisms to Populations, Graduate class

Kansas State University

- 2007 Teaching Assistant, Horticultural Entomology

University of Georgia

- 2004 Invited Lecture, Turf grass Pest Management
 2002-03 Teaching Assistant, Insects and Environment

Cauvery College, Karnataka, India

- 2001 Instructor, Plant Protection of Horticulture Crops and Introductory

Graduate Advisees

August 2012- estimated graduation August 2014	Chris Culkin, MS student
August 2013- estimated graduation August 2015	Stacy Keough, MS student
Summer 2014--estimated graduation August 2016	Peter Saya, MS student
August 2014-estimated graduation August 2016	Jinlong Han, MS student

Student Mentoring

Graduate committee

Jacob Janssen, MS student

Undergraduate students

Indiana University-Purdue University Fort Wayne

- Summer 2013-current Adam Lennon, Min Jung Kim, Jonathan Danielson, Lee Danels, Sameha Albayyari
 Spring 2013 Erina Sarker, Damini Handa, Priti Pal
 2012 Jenna Davidson (Honors project supervisor), Heidi Askren

Texas A & M University

- 2011 Arima Claypool, NSF-Research Experience for Undergraduates, Texas A & M University, June-August, University of North Carolina, Chapel Hill, NC.
 2010 Ana Shapiro, NSF-Research Experience for Undergraduates, Texas A & M University, June-August, Colby College, Waterville, ME.
 Second place winner, Undergraduate student poster competition Annual ESA meeting 2010, San Diego, CA.

Kansas State University

- 2008 Clayton Sublett, Austin College, Sherman, TX
 2007 Ian Smith, Minorities in Agriculture, Natural Resources, and Related Sciences, KSU,
 June-August, Purdue University, West Lafayette, IN.

Special Training and Workshops

- 2013 Fort Wayne Teaching Conference at Indiana University-Purdue University Fort
 Wayne
 National Science Foundation workshop at Indiana University-Purdue University
 Indianapolis
 2012 Jumpstart for New Faculty- Center for the Enhancement of Learning and Teaching,
 IPFW
 Graduate student mentoring workshop, Purdue University, West Lafayette

Professional Service Activities*Indiana University-Purdue University Fort Wayne*

- 2012-current Graduate Admissions Committee
 Curriculum Committee
 Faculty advisor for Indian Student Association

Peer Reviewer**Journals**

Biological Journal of Linnaean Society, Journal of Economic Entomology, Experimental
 and Applied Acarology, Biological Control, Insectes Sociaux, Insect Science, PLOS ONE,
 Environmental Entomology, International Journal of Molecular Sciences, Insect Molecular
 Biology, Environmental microbiology and Environmental microbiology Reports, Molecular
 Ecology, Pest Management Science, International Journal of Pest Management

Grants

- 2013 Israel Science Foundation
 2012, 2014 U.S.-Israel BARD program

Professional societies

- 2013-current Proceedings of the Indiana Academy of Sciences Editorial Board
 2013-2014 Indiana Academy of Sciences Research Grants Committee Member

Outreach*Indiana University-Purdue University Fort Wayne*

- 2014 Indiana Regional Science Olympiad Biology Department Coordinator
 2013 TekVenture Maker Station “The bugzz of summer” Guest presenter
 North Eastern Regional Science & Eng. Fair Judge
 Science Central Meet a scientist-“what’s biting you?” Presenter
 Indiana Regional Science Olympiad Designer gene section organizer

Kansas State University

- 2005-2008 KSU Insect Zoo Tour guide and Volunteer
 2005-2008 Greenhouse Safety Committee Member
 2005-2008 Insect Zoo Committee Member
 2007-2008 Student Sponsored Seminar Committee Member
 2007 Search Committee for Research Assistant Student member

2007	Graduate Student Recruitment Fair	Department representative
2006-2007	FFA State Fair	Student judge
2005-2007	Linnaean Games (ESA Quiz Bowl)	Team member
2006	Search Committee for Department Head	Student member
2006	Popenoe Entomology Club	President
2005	Popenoe Entomology Club	Vice-president
<i>University of Georgia</i>		
2004	Young Scholars Program	Mentor
2004	Faculty Extension Committee	Student member
2003-2004	Insectival, State Botanical Garden	Volunteer
2003-2004	Insect Invasion at Elachee Science Center	Volunteer
2003	Ag. at the Zoo, Atlanta Zoo, Atlanta, GA	Volunteer
2003	Annual ESA Meeting, Student Debate	Team member
<i>University of Agricultural Sciences, India</i>		
2001	Rural Agricultural Work Experience Program	Team Leader