

2016 Curriculum Vitae



NAME: Linda Susan Rayor
DEPARTMENT/UNIT: Entomology
TITLE: Senior Lecturer and Senior Research Associate
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[http://blogs.cornell.edu/naturalistoutreach.](http://blogs.cornell.edu/naturalistoutreach)

Visiting Fellow, Australian National University, Canberra, ACT, Australia, 2009 - 2014

EDUCATIONAL BACKGROUND:

Degrees:

1987. Ph.D. (Systematics & Ecology, specialty Behavioral Ecology) U. of Kansas- Lawrence.
Advisor: Kenneth B. Armitage. Dissertation title: Social dynamics of the Gunnison's prairie dog, with a comparison of the behavior of prairie dog and Columbian and thirteen-lined ground squirrel young.
1978. B.A. (Molecular Biology, Graduation with Distinction). University of Colorado – Boulder.

ACADEMIC POSITIONS HELD:

- 2007 – current. Senior Lecturer/ Senior Research Associate (50:50), Department of Entomology, Cornell University
- 2010 – 2013. Adjunct or Visiting Assistant Professor, Research School of Biology, Australian National University.
- 2005 - 2007. Senior Research Associate. Department of Entomology, Cornell University.
- 2001 - 2005. Assistant Professor. Department of Entomology, Cornell University.
- 1994 - 2000. Instructor. Department of Entomology, Cornell University.
- 2002, 2004, 2008. Visiting Scholar. School of Botany & Zoology, Australian National Univ.
- 1996 - 1997. Assistant Professor. Dept. Biology, Hobart & William Smith Colleges, Geneva.
1993. Instructor, Dept. Biology, Ithaca College
- 1990 - 1992. Postdoctoral Research Associate. Department of Entomology, Univ. of Arizona
- 1990 - 1992. Academic Director/ Instructor. CIEE/ Monteverde Institute, Monteverde, Costa Rica
- 1987 - 1989. Postdoctoral Research Assistant. Dept. Biological Sciences, Univ. of Cincinnati.

OTHER PROFESSIONAL DEVELOPMENT:

2014. CALS Effective Interactions in Organizations, 1 day.
2010. CALS Leadership Development Workshop, 1 week.
1994. CALS Innovative Teaching Workshop, 1 week.
1994. Spider Biology & Identification, Highlands Biological Station, North Carolina, 2 weeks.

1981. Organization for Tropical Studies, Tropical Ecology graduate training program, 4 mo

AWARDS AND HONORS:

2016. **Distinguished Achievement Award in Teaching from the Entomology Society of America, Eastern Branch.** Award for outstanding teaching and science outreach, one of six contenders for the ESA national teaching award.
2015. **Animal Behavior Society, Penny Bernstein Distinguished Teaching Award.** Teaching award from national and international professional society.
- 2011-current. **Alice Cook House Fellow.** Faculty fellow involved with students & house.
2008. **Distinguished Achievement Award in Teaching from the Entomology Society of America, Eastern Branch.** Award for outstanding teaching and outreach, one of 6 contenders for National Award in 2009.
2007. **Innovative Teacher Award, Cornell University, College of Agriculture & Life Sciences.** Award for an individual who has used creative new initiatives to develop an innovative, sustainable teaching program.
2006. **Animal Behavior Society's Distinguished Teaching Award,** finalist.
2005. **Kaplan Family Distinguished Faculty Fellowship in Service-Learning.** Award in recognition for faculty who are having a significant impact on Cornell undergraduate and graduate education by involving their students in challenging service-learning programs.
2002. **Faculty Appreciation Award,** nominee from the Pan-Hellenic Greek System at Cornell University.

TEACHING EXPERIENCE:

CORNELL UNIVERSITY:

- Spider Biology** [Entom 2150, 2 credits]. Taught 20 times. Fall 1994 – 2006, 2008-2011, 2013-14, 2016.
Enrollment: Average = 35 students, Range = 27 to 82 students.
An introduction to the diversity, behavior, ecology, physiology, and natural history of spiders and other arachnids. Largest arachnology class in the country.
www.blackboard.cornell.edu [Entom 2150/ 3150].
- Spider Biology** [Entom 3150, 3 credits]. Taught 9 times. Fall 2005-2006, 2008-2011, 2013- 2014, 2016.
Enrollment: Average = 22 students, Range = 17 to 26 students.
An entomology major's course that includes a lab and discussion section;
- Naturalist Outreach Practicum.** [Entom 3350, 4 credits]. Fall 2005 – 2016.
Enrollment: Average = 24 students, Range = 12 to 25 students. An interdisciplinary experiential course on how to do effective scientific outreach in environmental

biology. The course teaches students to communicate science with passion and clarity. Students in the **Naturalist Outreach Program** provide science-inquiry based biology presentations to K-12 classes and community groups. <http://blogs.cornell.edu/naturalistoutreach>.

Insect Behavior [Entom 325/ NBB 325, 3 credits]. Spring 2001, 2003, 2005, 2007, 2012, 2015. Enrollment: Average = 27 students, Range = 17 to 37. An introduction to the diversity of insect behavior through lectures, student presentations.

Spider Biology: Life on a Silken Thread. Cornell Adult University. Summer 2005, 2007, 2013. Enrollment: 4 and 12 students. Age range: 19 to 74, Cornell alumni. One week intensive course in arachnid biology, behavior, and ecology. Instruction in spider identification. Along with lectures, diurnal and nocturnal field trips, extensive hands on laboratories with live and preserved material, videos.

Special Topics Seminar - The Evolution of Parental Care [Entom 497/ NBB 420]. Co-taught with Paul Sherman, NBB. Spring 1993. Enrollment: 14. A critical review of Tim Clutton-Brock's book on parental care in animals.

OTHER INSTITUTIONS:

Hobart & William Smith Colleges:

Zoology [Biol 120] for majors. Spring 1996, 1997.

Enrollment: Average 22, Range 20 – 25. Lecture, intense laboratory.

Conservation Biology [Biol 101] for non-majors. Spring 1996, 1997.

Enrollment: Average 25, Range 24 – 26. Lecture, laboratory, discussion.

SCIENTIFIC OUTREACH PROGRAM:

Naturalist Outreach Program – For 12 years, my informal science outreach program has enhanced science curricula in Central NY schools and increased engagement in science, while simultaneously inspiring a generation of engaged scientists with enthusiasm for scientific outreach as a form of civic engagement. My service-learning program engages Cornell students in the community and provides them with the tools to continue to do STEM teaching through their careers. For 11 years, my course has been what **Engaged Cornell** is supporting.

My outreach program sends Cornell University undergraduate and graduate students into classrooms and community groups in 7 counties to give free presentations about nature and environmental science. The presentations are lively with a strong hands-on component and an emphasis on how the children can become scientists. Three major target audiences benefit from this outreach effort: Cornell students, second grade through high school students, and regional teachers. Presentations reach audiences from 8 to 80 years old. **Since 1998, I and my 316 students have spoken to 2503 groups and reached ~106,000 people** (classroom presentations= 59,525 people; large outreach events= 46,500 people). In 2015, we gave 141 presentations or interacted with ~7,400 people.

Recent surveys of former participants indicate that over 40% have continued outreach in some form and many have entered careers in non-traditional science education. The outreach, training, and ethos of the Naturalist Outreach Program have a multiplying effect well beyond Central NY.

The Naturalist Outreach Program was one of only 15 programs highlighted at Cornell to achieve the Carnegie Foundation's designation of Cornell an "institution of community engagement." Note that of those 15 programs, this is the only one which is the product of a single faculty member, as opposed to major programs such as those offered by the Johnson Art Museum or the Lab of Ornithology.

<http://blogs.cornell.edu/naturalistoutreach>

OTHER TEACHING AND OUTREACH ACTIVITIES:

'Improving Undergraduate Education Through Science Outreach', I hosted an NSF-funded 2.5 Day professional development workshop for faculty and college educators from around the USA on how to organize a course in how to do effective scientific outreach, develop an outreach program, and provide guidance on how to host a large community science outreach event. The workshop was instructed by science outreach experts from Cornell University's Naturalist Outreach Program, the Sciencenter, Museum of the Earth, and Cornell Plantations in Ithaca, NY. 10 – 12 October 2015, 25 participants from other universities.

[<http://blogs.cornell.edu/outreachworkshop>]

Insectapalooza 2004 – 2015. Coordinator or Co-coordinator – 2004, 2011, 2012, 2013, 2014. A 1-day Insect Fair highlighting arthropod diversity and research on insects in the Department of Entomology. Insectapalooza has attracted between 1,200 – 3,300 people each year, and continues to grow. Each year, I host one of the highlights of the event, the exceptionally diverse **Arthropod Zoo** with almost 80 different species of live tarantulas, other spiders, insects, and other arthropods. Insectapalooza hosts over 30 different displays or events. Students in my Outreach course are involved to learn how to organize large community outreach events and provide critical evaluations of the event.

Arthropod Museum – 2008 – current. In 2008, I initiated the development of a new Arthropod Museum through the progressive conversion of a teaching lab into a multi-use teaching, outreach, and professional quality museum discovery room. As Chair of the Committee, I have been the active force behind the purchase of professional display cases and creation of dynamic exhibits. Museum displays have been financed by alumni donations, CALS, and the Entomology Department.

Naturalist Outreach STEM Video Series 2010-2015. With Smith-Lever and NSF funds, I have been making 3 to 12-min STEM videos on natural history, ecology, and behavior that are posted on youtube. The videos star students from the Naturalist Outreach course. In collaboration with Park Media at Ithaca College and 4H, I have made 24 videos + 6 in production. [<http://www.youtube.com/naturalistoutreach>]

Online 'Cybertower' video entitled 'A Romance with Spiders by Linda S. Rayor' - My 1-hour video introduces the biology and behavior of spiders through lecture, videos of live spiders, and still images. [<http://cybertower.cornell.edu> – Study Room]

TEACHING IMPROVEMENT, OUTREACH, EXTENSION GRANTS:

2016. Finger Lakes Partnership for Regional Invasive Species Management (FL-

PRISM).

Improving Invasive Species Awareness through Science-based Educational Videos.
\$5,000.

- 2015. NSF, Directorate for Education And Human Resources.** ‘Naturalist Outreach Program: Teaching scientific outreach and spreading the ethos of scientific engagement beyond the university.’
Funded. \$220,000, NSF 1240006, 1/2015 – 6/2016. PI – L. Rayor. Collaborators: M. Kortenaar, Sciencenter; R. Ross, PRI; C. Jennings, Ithaca College; B. Lewenstein, Cornell.
- 2012. NSF, Noyce.** Preparing science teachers for inclusive, back-to-nature education. PI – C. Gilbert, L. Rayor, T. Park, Funded \$295,565. [Due to the closing of Education the PI attempted to return the funds, which after a new proposal were redirected to the 2015 Naturalist Outreach funding.]
- Organize the 1st Excellence in STEM Teaching by Undergraduates Award and Banquet, 2013.
- 2013. USDA Smith-Lever** – Engaging 4-H students in environmental science and entomology. \$66,000. PI: L. Rayor. Collaborators: Nancy Schaff, Susan Hoskins, Carol Jennings. Funded.
- 2010. USDA Smith-Lever** - Engaging 4-H Students in Science-Inquiry Based Environmental Science and Entomology. \$75,000. PI: L. Rayor, Collaborators: C. Charmichael, B. Schirmer, J. Scott, P. Treadwell.
- 2008.** Cornell University, **Public Service Center**, Faculty Fellows in Service Grant. ‘Insectapalooza: Developing a culture of participation’. PI: L. Rayor & J. Scott. \$2000.
- 2005 – 2007.** Cornell University, **Public Service Center**, Faculty Fellows in Service Grant. Support for Naturalist Outreach Practicum/ Naturalist Outreach Speakers Bureau development. \$8,000.

REFEREED PUBLICATIONS: * Undergraduates who have done *research with me*

- 2015.** Jones, C. & **L.S. Rayor**, 2015. Testing the Parameters of Sociality: The Influence of Colony and Age-Sex Class on Rock Sharing in a New Social Huntsman Spider. *Journal of Arachnology* (Submitted July 2016).
- 2014:** Yip, E.C. & **L.S. Rayor**. 2014. Maternal care and subsocial behavior in spiders. *Biological Reviews*. 89: 427–449. (doi: 10.1111/brv.12060)
- 2013:** Agnarsson, I. & **L.S. Rayor**, 2013. Molecular phylogeny reveals the evolutionary patterns of sociality in Australian endemic Deleninae huntsman spiders (Sparassidae). *Molecular Phylogenetics and Evolution*. 69: 895–905

Yip, E.C. & **L.S. Rayor**. 2013. The influence of siblings on body condition in a social spider:

Is prey sharing cooperation or competition? *Animal Behaviour*. 85:1161-1168

[**Animal Behaviour* highlighted paper of the month 'In Focus: Family Values.' by Ed. Michelle Scott. June 2013]

2012: Yip, E.C., D.M. Rowell, & **L.S. Rayor**. 2012. Behavioural and molecular evidence for selective immigration and group regulation in the social huntsman spider, *Delena cancerides* (Araneae: Sparassidae). *Biological Journal of the Linnean Society*. 106: 749–762.

Hoogland, J., J. Cully, **L.S. Rayor**, & J. Fitzgerald. 2012. Conflicting research on the demography, ecology, and social behavior of Gunnison's prairie dogs (*Cynomys gunnisoni*). *Journal of Mammalogy*: 93(4):1075-1085. 2012

2011: Auletta*, A. & **L.S. Rayor**. 2011. Preferential prey sharing among kin not found in the social huntsman spider, *Delena cancerides* (Sparassidae). *J. Arachnology* 39: 258-262.

Yip, E.C. & **L.S. Rayor**. 2011. Do social spiders cooperate in predator defense and foraging without a web? *Behavioral Ecology & Sociobiology* 65: 1935-1947. DOI 10.1007/s00265-011-1203-5

2009: Yip, E.C., S. Clarke*, **L.S. Rayor**. 2009. Aliens among us: Nestmate recognition in the social huntsman spider, *Delena cancerides*. *Insectes Sociaux* 56:223–231 (DOI10.1007/s00040-009-0015-3)

2008: Walsh*, R.E., & **L.S. Rayor**. 2008. Kin discrimination in the amblypygid, *Damon diadema*. *Journal of Arachnology* 36:336 – 343.

2007: **Rayor, L.S.**, L.J. Mooney*, & J.A. Renwick. 2007. The effects of cardenolides in *Pieris napi* caterpillars on the predatory behavior of *Polistes dominulus* wasps. *Journal of Chemical Ecology*. 33: 1177- 1185. DOI 10.1007/s10886-007-9283-4

Rayor, L.S.. 2007. Family Ties: Unexpected social behavior in an improbable arachnid, the whip spiders. *Natural History Magazine*. 116: 38-44.

2006: **Rayor, L.S.** & Taylor, L*. 2006. Social behavior in amblypygids, and a reassessment of arachnid social patterns. *Journal of Arachnology* 34: 399-421.

RESEARCH PAPERS IN ACTIVE PREPARATION:

Cardillo, M. & **LS. Rayor**. Physiological bases of developmental differences between social and solitary spiders. (*Current Biology*)

Rayor, L.S., E.C Yip, D.M. Rowell. Retreat availability constrains sociality in the social huntsman spider, *Delena cancerides*. (Submit *Animal Behaviour*, Feb 2015)

Hurst, J. & **LS. Rayor**, 2015. Effects of changes in sexual size dimorphism at maturity on running speed in the cursorial huntsman spider, *Delena cancerides* (Sparassidae). (*Functional Ecology*, submit December 2015)

Rayor, L.S, M. Cardillo, C. LaRow, E. Murray, A. Zimmerman* & C. Gilbert. Depressed metabolic rate as an adaptation for group living in social carnivores. (Nature)

LaRow, C. & L.S. Rayor. Response to food limitation in social and solitary huntsman spiders: Applications of the depressed metabolic rate hypothesis. (J. Comp. Physiology)

Auletta, A. & L.S. Rayor. Prey sharing does not provide equal benefit to all: color change as a measure of prey sharing benefits to group members. Insectes Sociaux.

NON-REFEREED PUBLICATIONS:

Book Review:

2012: Rayor, L.S. 2012. Book Review: Spider Behaviour: Flexibility and Versatility. Edited by Marie E. Herberstein. Cambridge: Cambridge University Press (2011). Pp. xii+391. \$55.00 paperback. Animal Behaviour 84: 289-290.

<http://dx.doi.org/10.1016/j.anbehav.2012.04.004>

Rayor, L.S. 2016. Hidden housemates: Australia's huge and hairy huntsman spiders. The Conversation. <https://theconversation.com/hidden-housemates-australias-huge-and-hairy-huntsman-spiders-55017>. Viewed 341,200+ times between April – June 2016.

Rayor, L.S. 2011. Beneficial spiders in the garden. Fine Gardening Magazine 137:78.

Rayor, L.S. 2007. Naturalist outreach practicum: inspiring a new generation of civically engaged biological outreach leaders. In: P. Horrigan (ed), Extending our reach: Voices of Service Learning at Cornell. Faculty Fellows in Service, Cornell University Pp. 49-53.

Hamm, R.L. & L.S. Rayor. 2007. Insectapalooza: practical suggestions for pulling off a large entomology outreach event. American Entomologist, 53:12-14.

Rayor, L.S & C. Gilbert. 2007. Common Spiders of New York. New York State Conservationist. 61:15-18. [Special pullout widely distributed by the NYS Department of Environmental Conservation (DEC)]

TEACHING AND OUTREACH WEBSITES:

Naturalist Outreach Program – <http://blogs.cornell.edu/naturalistoutreach>

The website allows online request for presentations, introduces speakers, and provides materials for use with the presentations or videos, such as worksheets, educational games, and resource guides to the presentations.

Facebook - <https://www.facebook.com/naturalistoutreach>



Dr. Linda Rayor's Naturalist Outreach STEM video series:

YouTube ‘naturalistoutreach’ channel (<http://www.youtube.com/naturalistoutreach>).

Supported by two USDA Smith-Lever grants (2010, 2013) and NSF-DOE (2015).

Starring Cornell University’s, Naturalist Outreach students.

Videos **viewed 510,000+** times as of 1 July 2016.

3-minute videos produced to be shown on the floor of the new Cayuga Nature Center.

In production:

Eight-legged Diversity: Spiders and Their Kin

<https://youtu.be/u2PWSnDuakE>

Linda S. Rayor (rough cut)

Insect Evolution

<https://youtu.be/KUCwnURHHR4>

Kyle DeMarr (sound production)

Studying Evolution Through Phylogenetic Relationships

<https://youtu.be/lnJrXiAwRto>

Kyle DeMarr (rough cut)

In reverse chronological order of production and Cornell student who starred in video:

Animal Architecture

<https://youtu.be/7Sc2sOIXhOc>

Sarah Gonzalez

Arthropod Predators

<https://youtu.be/CgMo-DWc8xU>

Cameron Jones & Ben Lee

Why I love birding!

<https://youtu.be/AqQN9GR2tRM>

Ben Barkley

Pollination: Trading Food for Fertilization

<https://youtu.be/LiczM-w3V-U>

Mia Park

- 3rd place winner at the Animal Behavior Society film competition, Anchorage.

Pollination: Trading Fertilization for Food in 3 min

<https://youtu.be/Lu7AjOvzh8>

Mia Park

Winter Adaptations

<https://youtu.be/NK058-HUK24>

Sarah Armour

Winter Adaptations in 3 min

<https://youtu.be/vfcrxLk6QSs>

Amphibians: Diversity and Behavior

<http://youtu.be/U2gz2ke8kik>

Brian Worthington & Audrey Bowe

Aquatic Insects

Hope Batchellor & Lindsay Glasner

<http://youtu.be/-qSNXRxJWTc>

- Bird Migration** Kathryn Grabenstein
<http://youtu.be/CwIT9pv4khw>
- Carnivorous plants** Evan Barrientos
<http://youtu.be/-iHIKhKCg6E>
- Insect Sounds: Nature's Orchestra** Susan Villarreal & Mariah Slone
<http://youtu.be/FEHbY-ZkzVo>
- Bird Feeding Adaptations: How Beaks are Adapted to What Birds Eat** Sarah McLean
<http://youtu.be/IFZ8NMBDCJw>
- 3rd place winner at Animal Behavior Society Film Festival competition 2014.
 - 2nd place winner in the Student Instructional/ Educational video category at the 2014 Broadcast Educational Association Annual Festival of Media Arts for the Ithaca College student editors (Zach Briggs, Dan Doran, David Lillienstein, and Dan Masciari) working for Park Media Lab.
 - Viewed 73,100 times
- Beavers, Wetlands, and Keystone Species** Vinny Nguyen & Gabriella DiGiovanni
<http://youtu.be/N2MemfwGFu4>
- Biodiversity in the tropics** Martin Zorrilla
<http://youtu.be/gyAd65nxRu8>
- Oh, Deer! White-tailed Deer Biology** Caitlin Etri & Gabriella Roman
<http://youtu.be/q4UjWTNeTdu>
- White-tailed Deer Gone Wild!** Gabriella Roman & Caitlin Etri
<http://youtu.be/qcW9RXPm0Y>
- Reptiles: Diversity, Feeding, Defense** Anna Kusler and Jessica Tingle
<http://youtu.be/NdVtu30fe-o>
- Avoiding Predators: How to Avoid Being Eaten** Jacob Hurst & Heather Connelly
<http://youtu.be/B2JdRPKYyTc>
- Fungus in your life** Jacob Benedict
<http://youtu.be/iiBoD0fM2IA>
- Seed dispersal – The great escape** Meredith Kueny
<http://youtu.be/xY4JFOSuqvY>
- Whale song and diversity** Anna Plattner
http://youtu.be/b_1gjiO_3j4
- Insect Detectives** Heather Connelly and Rakim Turnipseed
<http://youtu.be/HpHnnhdumM>

So many kinds of bees!

Margarita Lopez-Urbe

<http://youtu.be/6Oo75z4tgRs>
<https://youtu.be/am1GPP5XCSI>

All about bats

Alyson Brokaw

<http://youtu.be/EJu5qZ5FZxw>
https://youtu.be/xvQV_AuORo

Skull detectives – Understanding mammal skulls Serena Brady & Victoria DiCamillo

<http://youtu.be/wtABI5quQAU>
<https://youtu.be/AZMsLsrQSas>

The Norton Animal Behavior DVD, Topic 9: Kinship. Whip spiders. by Frank Castelli & Linda Rayor

<http://wwnorton.com/college/biology/animalbehavior/tp/09/9.aspx>

INVITED PRESENTATIONS ON HOW TO DEVELOP SCIENCE OUTREACH SIMILAR TO THE NATURALIST OUTREACH PROGRAM:

2015. NSF-Sponsored Professional Development Workshop ‘Improving Undergraduate Education Through Science Outreach’. Organizer and Speaker.

SENCER (Science Education for New Civic Engagements and Responsibilities) Summer Institute, Worcester, MA. Naturalist Outreach Program: Improving Undergraduate Education Through Science Outreach and Civic Engagement. 1-hr oral presentation, and poster.

Binghamton University, Binghamton, NY. Approaches for improving undergraduate education through science outreach programs.

2014. Pennsylvania State University, Entomology. Naturalist Outreach Program: Teaching scientific outreach and spreading the ethos of scientific engagement beyond the university.

University of Nebraska, Entomology. Naturalist Outreach Program: Teaching scientific outreach and spreading the ethos of scientific engagement beyond the university.

Australian National University, Australian National Centre for the Public Awareness of Science. Naturalist Outreach Program: Teaching scientific outreach and spreading the ethos of scientific engagement beyond the university.

Terra Science & Education conference on Urban Education. Panelist on ‘Motivation Toward STEM’ and second panel on ‘Early STEM Engagement’, with two 20-min talks.

2013. Entomology Society of America – Austin, TX. Naturalist Outreach Program: Integrating science and outreach to train civically engaged leaders. Symposium Speaker.
2009. University of Minnesota & Bell Museum of Natural History on developing an outreach program similar to my Naturalist Outreach Speakers Bureau;

INVITED RESEARCH SEMINARS – Total n = 59 since 1988

- 2015.** Universidade Federal de Uberlândia, Uberlandia, Brazil. Social spider behavioral ecology.
Plenary Speaker
 Departamento de Ecologia da Universidade de São Paulo, São Paulo, Brazil. Costs and benefits of group-living in spiders.
 Binghamton University, Binghamton, NY. Costs and Benefits of Group-Living in Spiders.
- 2014.** Western Australia Museum, Perth, Australia. Adaptations for living with cannibals: Evolution of sociality in Australian huntsman spiders.
 University of Sydney, Sydney, AU
 Macquarie University, Sydney, AU
 Melbourne Museum, Melbourne, AU
- 2012.** Binghamton University, Evo-devo program
- 2010.** University of Arizona, Tucson;
 Arizona State University, Phoenix;
 Cornell University, Entom.
- 2009.** Ithaca College, Ithaca;
 Univ. of Minnesota, Minneapolis;
 Univ. Massachusetts, Amherst
- 2008.** University of Western Australia, Perth, Australia;
 Australian National University, Canberra, AU
- 2007.** Susquehanna University, PA;
 Washington DC Entomology Society, Washington DC.
- 2006.** Western Australia Museum, Perth, Australia.

RECENT INVITED OUTREACH PRESENTATIONS SINCE 2006 (excluding guest lectures or research presentations) – Total n = 62 since 2000:

- 2015.** Continuing Education Seminar Series, Cornell Univ. 50 Shades of Arachnids: A Romance with Spiders.
 Science Café, Rockville, MD. 50 Shades of Arachnids: A Romance with Spiders.
 Cornell Alumni Club, Denver, CO. 50 Shades of Arachnids: A Romance with Spiders.
- 2014.** Gundabooka National Park, Bourke, NSW, Australia. Spiders & Australian huntsman spiders.

- Australian National University. Spider biology.
Cornell Adult University, Spider walks (2x)
- 2013.** Cornell University Wind Symphony. Introduce spiders and web construction associated with original musical composition 'Cosmosis' about the first spider in space.
NYS Fair – 2x
CAU Lab tours and spider walk
- 2012.** Science Cabaret, Ithaca
SUNY, Orange County
STARR – 4-H State Teen Action Reps Retreat, NYS Fairgrounds;
NYS Fair
Practices that sustain us: multi-faith Thanksgiving Festival
- 2011.** STARR – 4-H State Teen Action Reps Retreat, NYS Fairgrounds;
Take a Child to Work, Cornell University;
4-H Youth Building NYS Fair, Fairgrounds.
Cornell Wellness Program, Destination Walk touring my lab
Alice Cook House, Monster Bug Wars
- 2010.** 2010 NYSACCE 4-HE/ New York State 4-H Conference, Hamilton, NY;
Master Naturalist Class, Arnot Forest, NY;
4-H Career Explorations, Cornell University;
Career Days, Ithaca High School
- 2009.** Café Scientific, Minneapolis, MN;
Cornell Institute of Biology Teachers.
- 2008.** Questacon Science & Technology Centre, Canberra, Australia;
Mount Majura Nature Talks in Canberra;
Tompkins County Area Development annual meeting, Ithaca;
Alumni Reunion Speaker, Cornell University;
Ulysses Public Library;
Guild of National Scientific Illustrators' Conference
- 2007.** NY State Legislature Education Committee hearing about outreach programs at Cornell.
Master Gardeners Conference, NY;
Entomology Society of America – Invited Symposium on outreach;
1st Year and Transfer Students and Parents Weekend;
CALS Cornell Presidential Research Scholars
- 2006.** SUNY-Geneseo, Geneseo, NY. Keynote speaker to celebrate the opening of a new science building;
Trustees Council, Cornell University, Ithaca;
Questacon Science Centre, Canberra, Australia;
Faculty Fellow in Service Symposium, Cornell University;
Kendall Retirement Center, Ithaca;
Life Long Learning, Ithaca;
Fingerlakes Land Trust;

Cornell Adult University, Ithaca.

RECENT RESEARCH PRESENTATIONS AT SCIENTIFIC MEETINGS –

Total n = 67 since 1980:

- 2016.** How habitat and retreat limitation influence sociality in prolonged subsocial huntsman spiders. In Symposium on ‘Frontiers in Arachnid Sociality: Habitat Influences’ at International Congress of Arachnology, Denver.

The physiological basis for delayed development in social huntsman spiders: Impacts on sociality. Marissa Cardillo & L.S. Rayor, poster. International Congress of Arachnology, Denver.

- 2015.** Social biology and habitat preferences of a group-living rock-dwelling huntsman spider, *Delena lapidicola* (Sparassidae: Deleninae). Animal Behavior Society, Alaska.

Testing the parameters of sociality: The influence of kinship and age-sex class on rock sharing in a new social huntsman spider. Cameron Jones & L.S. Rayor, oral. Animal Behavior Society, Alaska

Physiological bases of developmental differences between social and solitary spiders. Marissa Cardillo & L.S. Rayor, oral. Animal Behavior Society, Alaska

- 2014.** Evolution of sociality in the prolonged subsocial huntsman spiders of Australia. SINNERS (Social Insects of the NE Region) conference, Cornell University.

Evolution of sociality in the prolonged subsocial huntsman spiders. International Society for Behavioral Ecology, NY, invited speaker in symposium on Subsocial Arthropods.

Colony inheritance and fights to the death among sisters in a prolonged subsocial spider. International Society for Behavioral Ecology, NY. With Mari West.

- 2013.** Social evolution in the huntsman spiders. International Congress of Arachnology, Taiwan

What’s sex got to do with it? Running speed, allometry, sexual development, and performance in huntsman spiders. Jacob Hurst* (CPRS) and L.S. Rayor. International Congress of Arachnology, Taiwan.

Depressed metabolic rates in social spiders? A test with social and solitary spiders from Sparassidae and Eresidae. Marissa Cardillo* and L. S. Rayor. International Congress of Arachnology, Taiwan.

Linda Rayor’s Naturalist Outreach Program: Integrating science and outreach to train civically engaged leaders. Entomological Society of America, Austin, TX.

- 2011.** What changes with evolution of sociality? A comparative study in social & solitary huntsman spiders. Animal Behavior Society, Indiana University. Poster.

- 2010.** Costs of group-living in social and solitary huntsman spiders: a comparison of mother-offspring dynamics, prey capture, development, and metabolism in Australian

huntsman spiders. 18th International Congress of Arachnology, Poland.

- 2008.** Adaptations for living with cannibals: a comparison of mother-offspring dynamics, prey sharing, and metabolism in social and solitary Australian huntsman spiders. International Society for Behavioral Ecology, Cornell. (with A.F. Zimmerman*)
- 2007.** Costs and benefits of group-living in social and solitary huntsman spiders. Entomology Society of America, San Diego. Rayor, L.S. & A.F. Zimmerman*
Social behavior in amblypygids, and a reassessment of social patterns in the non-spider arachnids. In Symposium: Parental Care and Sociality in the Lesser Arachnids. 17th International Congress of Arachnology, Brazil. Rayor, L.S. (with R.E. Walsh*, L. A. Taylor*, A. Auletta*, J. DeNicola*. Symposium organized by L. Rayor)
- Costs of group-living in social and solitary huntsman spiders: a comparison of mother - offspring dynamics, prey capture, development, and metabolism in Australian huntsman spiders. 17th International Congress of Arachnology, Brazil. w/ Zimmerman*
Size specific resting metabolic rates and colony demographics set threshold prey requirements of colonies and populations of social huntsman spiders, *Delena cancerides*. 17th Inter. Congress of Arachnology, Brazil. Gilbert, C., L.S. Rayor, A.F. Zimmerman*, & E.C. Yip – poster
Colony identity in a social spider? Does *Delena cancerides* (Sparassidae) use chemical cues to distinguish kin from non-kin? 17th International Congress of Arachnology, Brazil. M. A. Avery* & L.S. Rayor – poster.

GUEST LECTURES IN FORMAL COURSES:

- 2016.** Science Communication Workshop. [Comm 5660]
- 2015.** Alien Empire, Cornell University
Biology Scholars Program, A career in Biology, Cornell University
Biology Open House
- 2014.** Insect Biology, Cornell University
Introductory Field Biology [NTRES 2100]
Alien Empire, Cornell University
Invertebrate Zoology, Australian National University
- 2013.** Science Communication Workshop Comm 5660.
Graduate Core Course in Entomology [Gilbert, Entom 7670]
- 2012.** Alien Empire (2x), Graduate Core Course in Entomology [Ping, Entom 7670]
- 2011.** Graduate Core Course in Entomology [Soderlund, Entom 7670]
- 2010.** Science Communication Workshop. Comm 5660;
Alien Empire (2X) – Cornell
- 2009.** Science Communication Workshop. Comm 5660;

Graduate Core Course in Entomology [Thayler, Entom 7670];
Alien Empire – Ithaca College.

2008. Graduate Core Course in Entomology. [Entom 7670]

2007. My career path in science. BioGD 400;
Graduate Core Course in Entomology. [Entom 7670]

GRADUATE STUDENT COMMITTEES:

2013 - 2015. **Marissa Cardillo.** Master's degree. Major advisor.

2005 – 2012. **Eric Chun-Nam Yip,** Entomology, Ph.D. candidate. Major advisor.
Topic: Immigration and dispersal in a social spider, *Delena cancerides*.
NSF-GRFP, Fulbright.

2010 – 2011. **Jacqueline Dillard,** Entomology, Ph.D. candidate. NSF-GRFP,
Major advisor. Resigned from committee 2012.

2009 – 2012. **Richard Ciccarelli,** Entomology, Ph.D. candidate. Minor advisor.

2011 – present **Kristen Hook,** Neurobiology & Behavior, Ph.D. candidate. Minor advisor

SUMMARY OF UNDERGRADUATE RESEARCH & TEACHING ASSISTANTS TRAINED:

N = 48 undergraduate research assistants since 1992

N = 13 undergraduate Honors Theses directed since 1995

N = 42 undergraduate teaching assistants since 1994

N = 24 undergraduate advisees since 1994

Summary of Undergraduate Honors Theses Directed, Student Awards, Current Career:

Cameron Jones (2014 – 2015) - Contrasts in aggregation patterns in social huntsman spiders
(*Delena lapidicola* and *D. cancerides*)
Graduate school, University of California - Davis

Mari West (2011 – 2014) – Colony inheritance and fights to the death among sisters in a prolonged
subsocial spider
Present research at International Society for Behavioral Ecology, 2014
Publishable paper from her research.

Jacob Hurst (2010 – 2013) – Running speed in huntsman spiders.
Sophomore CPRS.
Present oral and poster at the International Congress of Arachnology in Taiwan,
2013.
Should be two publishable papers from his thesis.

Marissa Cardillo (2011 – 2013) – Metabolic rate in social and solitary Eresid and Sparassid spiders.
Paul Schreur Memorial Award for Research Excellence,
Noyce Undergraduate Teachers Award.
Starting a Master's degree at Cornell University.
One publishable paper from thesis.
Present oral presentation at the Inter. Congress of Arachnology Taiwan. Where she won 1st prize for student oral presentations.

Carolyn LaRow (2010 – 2011) – Metabolic rate and food limitation in huntsman spiders.
Hughes scholar.
Current job: Environ (environmental assessment)
Publication in preparation.

Anthony Auletta (2006 – 2011) – Prey sharing in social spiders: Kin recognition and sharing patterns.
Paul Schreur Memorial Award for Research Excellence.
Master Degree, Western Carolina State.
Ph.D – University of Minnesota. Research on spiders.
Auletta, A. & L.S. Rayor. 2011. Preferential prey sharing among kin not found in the social huntsman spider, *Delena cancerides* (Sparassidae). *J. Arachnology* 39: 258-262.
One more publication in active preparation.

Mike Avery (2005 – 2007) – Investigations into colony identity in a social spider: Does *Delena cancerides* utilize chemical cues to distinguish between kin and non-kin?
Honors, Hughes Scholar
Attend American Arachnology meetings, Baltimore.
Ph.D. student, Pennsylvania State University. Research on spiders.

Ariel Zimmerman (2004 – 2007) - Assessing the costs of group living: Comparing metabolic physiology and growth in social and solitary spiders.
Honors. 25 Most Outstanding Seniors.
NSF – GRFP (prior to starting graduate school from undergrad project)
Masters degree, University Florida,
Teach HS science. Currently on staff of 'Science Friday'.

UNDERGRADUATE RESEARCH ASSISTANTS TRAINED:

(Omitting Honors students listed above)

- 2014. Cameron Jones, Ann Dunn,
- 2013. Ben Lee, Leah Buchanan
- 2012. Mari West, Joyce Matthews, Anna Duram-Gabard
- 2011. Jacob Hurst.
- 2010. Carolyn LaRow, Maxine Ames, Jacob Hurst, Bert Barnes, Asad Qadir.
- 2009. Jenna DeNicola, Chung Albert Chui, Patrick Gorrington. Huntsman spiders.
- 2008. Jenna DeNicola, Chung Albert Chui. Social behavior in huntsman spiders.
- 2007. Eric Denemark, Jenna DeNicola.
- 2006. Shannon Clarke, Max Bernstein, Eric Denemark, Jenna DeNicola, Albert Chiu,

COLLEGE AND DEPARTMENTAL COMMITTEES:

- 2014 - 2015.** CALS Faculty Senate
CALS Committee in Support of Teaching and Learning (CSTL)
Griswold Committee, Entomology
Public Outreach Committee, Chair
Insectapalooza, committee
Co-Nominator/Organizer, AD White Professor-at-Large, Dr. David Hillis, U. TX
- 2013.** **Insectapalooza, Co-coordinator.**
Extension and Outreach Committee
Public Outreach Committee, Chair
Griswold Committee, Entomology
- 2012.** **Insectapalooza, Co-coordinator.**
Extension and Outreach Committee
- 2011.** **Insectapalooza, Coordinator.**
Extension and Outreach Committee
Entomology Library Space Use Committee, member.
- 2007- 2012.** **Development of Athropod Museum, Committee Head.**
- 2007 – 2013.** **Public Service Center Scholars Program (PSCS), Advisory Board**
Extension and Outreach Committee – including Insectapalooza
Entomology, Curriculum and Teaching Committee
- 2004-2005. CALS, College Curriculum Committee
- 2003-2005.** **Entomology Outreach Committee, Chair**
- 2000-2009. Entomology Curriculum and Teaching Committee
1999. Entomology Curriculum and Teaching Committee
Entomology, Greenhouse Insectary Committee
- 1994 - 1998. Social Interactions Committee
- 1992 - 2009. Host multiple Griswold and Jugatae Departmental Speakers annually.

PROFESSIONAL AFFILIATIONS WITH MAJOR CONTRIBUTIONS TO THE SCIENTIFIC SOCIETIES:

- American Arachnological Society – Organizer of ‘Social Spider Symposium’** at AAS meetings, Denver. 2006: **Marketing Committee**, Spiders of North America: An Identification Manual, 2004-7.
- Animal Behavior Society - Public Affairs Committee Chair** 1996 – 2000.

Entomological Society of America

International Society for Behavioral Ecology - Co-organizer, ISBE meetings, Aug 2008.

International Society of Arachnology - **Ordinary Member, Executive Committee** 2007 – 2013, Elected. **Organized Symposium** at 17th International Congress of Arachnology, Brazil – Parental Care and Sociality in the Lesser Arachnids. Student oral presentation judge – 2010.

Program Organizer, International Congress of Arachnology 2016, Denver Organized Symposium at 20th International Congress of Arachnology, Denver – Frontiers in Arachnid Sociality: Habitat Influences.

International Union for the Study of Social Insects

Sigma Xi

OTHER PROFESSIONAL SERVICE SINCE 2006:

- 2015. J. Natural History, Ecology, Animal Behavior, Book consultant: Spiders , Review Book Chapter in Comparative Social Evolution, Ed. D. Rubenstein, P. Abbott.
- 2014.. Ad hoc review: J. Arachnology (2x), Animal Behavior,
- 2012. Behavioral Ecology & Sociobiology, Insect Read Alouds, J. Tropical Ecology
- 2011. PloS One, PNAS
- 2010. NSF, Journal of Arachnology (2x). Ethology (2x), Functional Ecology, Book scientific consultant: Prereview Scholastic's Back Yard Safari – Spiders.
- 2009. Ad hoc review: Animal Behavior, Journal of Arachnology
- 2008. Ad hoc review: Animal Behavior, Journal of Animal Ecology, Journal of Arachnology Revista Brasileira de Zoologia, Insectes Sociaux
- 2007. Ad Hoc Review: NSF, Advances in Animal Behavior
- 2006. Manuscript Review: Animal Behavior, Insectes Sociaux, Ecology Book scientific consultant: Common Spiders of North America, Cornell Univ. Press. Student Oral Presentation judge, American Arachnology Society
- 2005. Ad Hoc Review: NSF, United States-Israel Binational Science Foundation Manuscript Review: Animal Behavior (2)
- 2004. Invited participant, NSF workshop on 'Creating a consensus metadata standard for animal behavior'. Student paper judge, 16th International Congress of Arachnology, Gent, Belgium. Book scientific consultant: Prereview of book on arthropod predators, Chicago Univ. Manuscript Review: J. Arachnology, Ecological Research, Animal Behavior, Behavioral Ecology & Sociobiology
- 2003. Manuscript Review: Animal Behaviour, Journal of Arachnology, Biological Review, Naturwissenschaften; Ad Hoc Reviewer: NSF (2)
- 2002. Manuscript Review: Animal Behaviour; Ad Hoc Reviewer: NSF
- 2001. Manuscript Review: Canadian Journal of Zoology. Ad Hoc Reviewer: NSF (2) Student paper judge, American Arachnological Society Manuscript Review: Behavioral Ecology & Sociobiology, Northeastern Naturalist.

- Ad Hoc Reviewer: NSF (4)
 Book scientific consultant: Prereview of spider text book for Johns Hopkins University
 ‘Arachnology--The study of spiders and their relatives’ by Deborah Roan Smith
1999. Manuscript Review: Ecology, Ethology, J. Arachnology (2)
 Ad Hoc Reviewer: NSF, National Geographic Society
 Book scientific consultant: M. Nelson-Hoy, ‘Jumper’. Childrens book about jumping spiders.
1998. Manuscript Review: Animal Behaviour, Behavioral Ecology & Sociobiology (2), Behavioral Ecology, Behaviour, J. Arachnology (2), Canadian J. Zoology
 Book scientific consultant: A. Mason, 1999. The Nature of Spiders: Consumate Killers. Sierra Club.
 Ad Hoc Reviewer: National Geographic Society
1997. Manuscript Review: Animal Behaviour (2), Ethology, J. Arachnology, J. Mammalogy
1996. Ad Hoc Reviewer: National Science Foundation, National Geographic Society
 Manuscript review: Insect Behavior, American Midland Naturalist
1995. Animal Behavior Society, Judge Founders Poster competition, moderator session.
1994. Organize and publicize Department of Entomology ‘Bugs for Lunch’ seminar series.
 Ad Hoc Reviewer: National Science Foundation (2)
 Manuscript Review: Ecology
1993. Organize and publicize Department of Entomology ‘Bugs for Lunch’ seminar series.
1992. Ad Hoc Reviewer: Organization for Tropical Studies.
 Manuscript Review: American Naturalist, Insectes Sociaux

MAJOR MEDIA COVERAGE OR INTERVIEWS FOCUSING ON DR. RAYOR SINCE 2006:

2016. Hidden housemates: Australia’s huge and hairy huntsman spiders. The Conversation.
<https://theconversation.com/hidden-housemates-australias-huge-and-hairy-huntsman-spiders-55017>.
 Viewed 341,200+ times between April – June 2016.

CORNELL CLOSE-UPS | Cornell Ecologist Linda Rayor Discovers Passion Studying Spiders.
By Jeanette Si, 24 February 2016

<http://cornellsun.com/2016/02/24/cornell-ecologist-linda-rayor-discovers-passion-studying-spiders/>

2015. Cornell University, Continuing Education Summer Lecture Series. 50 Shades of Arachnids.
<https://www.cornell.edu/video/linda-rayor-romance-with-spiders>

- 2014: **Canberra Times** – Two articles and photos in the front section of the major newspaper in the capitol of Australia on sequential days. 12th and 13th March 2014. Articles on my research on huntsman spiders in Australia. ‘**Spiders’ paradise in our backyard**’ and ‘**In the society of huntsman, the mild mannered spider.**’

<http://www.canberratimes.com.au/act-news/spiders-paradise-in-our-backyard-20140311-34kjn.html>

<http://www.canberratimes.com.au/act-news/in-the-society-of-huntsman-the-mildmannered-spider-20140312-34msd.html>

<http://www.canberratimes.com.au/photogallery/act-news/biologist-linda-raynor-in-the-field-at-mount-ainslie-20140311-34kdw.html>

A Giant Spiders' Communal and Cannibalistic Lifestyle – by Andrew Revkin, NYT & Pace Univ.
<http://youtu.be/qB2esLJ58Ko?list=UUdeDjsgVdGBoqEuT2d70YbQ>

Ithaca Fingerlake's Pet Corner. **Spiders: Eight-legged Pets?**
http://www.ithaca.com/family_and_health/spiders-eight-legged-pets/article_69a31b24-f182-11e3-b06d-001a4bcf887a.html

Tarantulas: Can These Large, Hairy Spiders Actually Be Good Pets? By Linda Lombardi, Vetstreet
<http://www.vetstreet.com/our-pet-experts/tarantulas-can-these-large-hairy-spiders-actually-be-good-pets>. October 2014

Insectapalooza 2014 & Creepy Crawlers Invade Cornell University – Alexa Salvo, Ithaca College
<http://youtu.be/SF3VzkPpT2o>
<http://www.buzzsawmag.org/2014/11/13/creepy-crawlers-invade-cornell-university/>

Insectapalooza 2014 – Cornell Daily Sun Multimedia
<http://youtu.be/PM-yvxUzs2w>

2013. **National Geographic Wild** – World's Weirdest Animal Body Parts and World's Weirdest Farms, Pilots. 4 March 2013.

Cornell Chronicle - For social spiders, preying together aids younger siblings.
<http://www.cornell.edu/video/preying-together-older-siblings-aid-younger-social-spiders>
<http://www.news.cornell.edu/stories/2013/05/social-spiders-preying-together-aids-younger-siblings>

Huffington Post. Spider Sex lives, 14 May 2013.
<http://live.huffingtonpost.com/r/segment/a-cicada-invasion-and/518d2bf602a760508c0000c9>

WBEN Buffalo Radio. Poisonous spiders in Western NYS, 24 May 2013.

2012. **Discovery Science Channel** – Monster Bug Wars season 2. Seven 1 hour episodes.

iSeeChange Project funded by NPR radio interview on black widows and climate change.
<http://soundcloud.com/juliakumari/iseechange-halloween-special-a>

2011. **Discovery Science Channel** – filmed Monster Bug Wars, 6 1-hr episodes. On-camera.
Newspaper: Ithaca Journal/ Democrat and Chronicle, 29 March, page 3. Television show puts spotlight on professor's passion - bugs
Radio: ABC (Australian Broadcast Corp) in Sydney interview on unusual numbers of spiders in homes this year.
1360 WMNY in Pittsburgh, 10 April, 15min interview on Monster Bug Wars.
Radio 2UE Sydney, Australia, 14 June, 10 min interview on huntsman spiders
Science cabaret Ithaca on WICB, 1 May. My research
http://sciencecabaret.podomatic.com/player/web/2011-05-03T14_03_39-07_0

Web: BBC Nature <http://www.bbc.co.uk/nature/13710734> Article about Yip and Rayor research on social spiders.

Triggl TV. 30 minute interview about spiders, entomology, Monster Bug Wars

2010. **Discovery Science Channel** – Monster Bug Wars – The initial show in 2009 received such high ratings, that Discovery has requested the production of 6 more episodes. I have been one of two scientific experts discussing the behavior of predatory arthropods on camera. Filmed in 2010 and 2011.

Ask Dr. Science – Biology radio show, Arizona State University.

2009. **Discovery Channel** – Monster Bug Wars – I was one of two scientific experts discussing the behavior of predatory arthropods on camera.
Discovery Channel – Nature’s Deadliest: Africa (1 & 2) and South America – Scientific Expert on camera.
Scientific American online – Why are spiders coming in with produce in groceries? March. Interview. <http://www.sciam.com/article.cfm?id=dangerous-spiders-grocery-produce>

2008. **Discovery Channel** – Nature’s Deadliest: Australia – Scientific Expert on Sydney Funnel Web spiders on camera.
Australian Broadcast Corporation Radio – Tasmania, Canberra – Radio interviews on my Australian huntsman spider research
Canberra Times, Australia – Newspaper article on my research on spiders
Pangea’s World of the Weird – 1-hour radio interview on spider biology & behavior.
Country Life radio show – radio interview on spiders in gardens

2007. **CBS Sunday Morning**. Interview on spiders on camera.
Science Friday – **NPR** (interview and web) – Interview on radio on amblypygids

As it happens – **Canadian Broadcast Corporation** – Radio Interview on amblypygids

Science Update – **AAAS** – Interview on radio on amblypygids
National Geographic News. Photo in the News: Young Whip Spiders Stay in Touch. <http://news.nationalgeographic.com/news/2007/03/070314-spiders-social.html>
Live Science – ‘Creepy: Spiders Love to Snuggle’
http://www.livescience.com/animals/070319_sweet_spiders.html
BBC Wildlife Magazine. July 2007. Amblypygid
Yes Magazine, Der Spiegel, Iran Daily - article
Communique of Cornell. Spring 2007. Arachnofriendly. Article about my research.
Plantations Magazine. Summer 2007. Spider biology, interview.
Real Simple magazine. October issue.
Associated Press. ‘Spiders can make great pets year-round’ by Linda Lombardi. 1 Oct

2006. **BBC Wildlife Magazine**. Study Arachnids. Interview with Dr. Linda Rayor. by Dan Eatherley. August 2006, page 57. [One of world’s best wildlife and natural history magazines.]

Cornell Chronicle -- Faculty Facets -- Cornell's spider woman spins web of science outreach that stretches far beyond the classroom. 2 Feb 2006. By Susan Lang

IMAX Monarch movie

OTHER PROFESSIONAL EXPERIENCE:

Faculty Study Leader, Cornell Adult University Family Educational Tours – Lead natural history tours to Brazilian Pantanal (2013), Alaska (2011), Galapagos & Ecuadorian Highlands (2011), Tanzania (2006, 2007), Panama (2008), Wyoming (2003). Provide three educational lectures, plus impromptu discussions in the field. Tour size ~15 to 50 participants, 8 to 75 years old.

Lead tours to Peruvian Amazon, Explorations, Inc. 2010, 2012.

UNDERGRADUATE ADVISEES:

2005-2006. CALS Ariel Zimmerman
Gabriel Villar

2009. CALS Diane Wang
John Cho
Carolyn LaRow
Anna Gabard-Duram
Zhang Yang

2010. CALS John Cho
Carolyn LaRow
Zhang Yang

Arts Claire Greenbaum

2011. CALS Daniel Kim
Anna Gabard-Duram
Tate Lavitt

Arts Claire Greenbaum

Engineering Natalie Hathaway

Public Service Scholar Angelique Edwards

2012. CALS Daniel Kim

Anna Gabard-Duram
Tate Lavitt

Arts Claire Greenbaum

2013. CALS Daniel Kim
Anna Gabard-Duram
Tate Lavitt

Public Service Center Scholar Martin Zorilla

Club advisor: Recreational Fencing Club

2014. CALS Ann Dunn
Phoebe Koenig
Geon Ho (Dan) Kim
Anna Gabard-Durum
Kacie Harnett