Vanessa S. Quinn

Faculty Athletic Representative – Division II Athletics

Professor of Biological Sciences

Purdue Northwest

Hammond, Indiana

**EDUCATION**

**2001** Indiana State University PhD Life Science

Dissertation Title: Proximate and Ultimate Factors Leading to the

Loss of a Sexually Dimorphic Trait in *Sceloporus* Lizards.

**1997** Northern Michigan University MS Biology

Thesis Title: Geographic Variation in the Social Behavior of

Redback Salamanders (*Plethodon cinereus*) and Ecological Factors

Affecting the Absence of Territoriality

**1993** University of Wisconsin BS Psychology and Zoology

**ADMINISTRATIVE APPOINTMENTS**

|  |  |  |
| --- | --- | --- |
|  | **Title** | **Duties** |
| **2019-Present** | General Education Co-Coordinator | Reform of General Education at PNW;  Faculty Development;  Curricular Development;  Assessment;  Liaison between Faculty Senate and the Provost Office |
| **2016-Present** | Science Olympiad Tournament Director, Purdue Northwest | Member of the Indiana Science Olympiad Board of Directors;  Coordinate and Support Faculty Event Coordinators;  Coordinate and Organize Undergraduate Volunteers;  Manage Science Olympiad budget ($15,000);  Coordinate and Organize volunteers from Arcelor Mittal  Chair the Science Olympiad Steering Commitee |
| **2020-Present** | Biology Graduate Program Coordinator – Sabbatical Replacement | Graduate student advising in course work and research;  Chair of the Biology Graduate Committee and Biology Graduate Admissions Committee  Graduate Program assessment - assessment planning, data collection, reporting, and evaluating graduate courses and graduate faculty assessment work  Recruitment of potential graduate students into the thesis, non-thesis, and 4+1 Master’s Program;  Retention;  Supervision and Evaluation of Graduate Teaching Assistants;  Internships Coordinator;  International Graduate Student Coordinator |
| **2017-2020** | Associate Dean of Honors, Purdue University Northwest | Supervision of Honors College Advising Team;  Chair - Honors College Faculty Committee;  Honors College Budgetary Responsibilities ($800,000) including transition to the incentive based budget model;  Committee member of the Transforming Retention;  Honors College Assessment Coordinator;  Honors College Undergraduate Research Coordinator;  Honors College Internship Coordinator;  Honors College Volunteer and Service Learning Coordinator;  Co-Chair of the Honors College Strategic Planning Working Group;  Honors College Data management;  Curriculum design;  Honors College Student Leadership Coordinator |
| **2016- 2017** | Interim Associate Dean of Honors, Purdue University Northwest | Assessment Coordinator  Undergraduate Research  Organize Student Research Day |
| **2016- 2018** | Director of the Student Research Office, Purdue University Northwest | Manage Undergraduate Research budget ($60,000);  Coordinate undergraduate research grant process;  Manage and Coordinate Indiana Space Grant process;  External grants to support undergraduate research ($15,0000 – INSGC; $10,000 – Lily Foundation)  Organize Student Research Day and Days of Discovery |
| **2015-2016** | Academic Program Chair, Health Studies, Purdue North Central | Hiring, evaluation, and supervision of Health Studies faculty;  Manage Health Studies budget ($10,000);  Curriculum Development and Program re-structuring;  Course scheduling;  Student advising;  Health Studies Internship Coordinator |
| **2015-2016** | Faculty Fellow for Undergraduate Research, Purdue North Central | Organize PNC Student Research Day  Manage and Coordinate Internal Undergraduate Grant processes |
| **2014-2015** | College of Science Dean’s Fellow, Purdue North Central | Retention efforts across the college;  Coordination of College of Science Student Ambassadors;  Assessment liaison to the Department of Nursing |
| **2013-2015** | Faculty Fellow for Assessment, Purdue North Central | Campus Contact Person with Indiana Commission for Higher Education;  University Assessment Coordinator;  General Education Assessment; |
| **2013-2014** | Academic Program Coordinator, Biology/Chemistry Department, Purdue North Central | Strategic planning;  Event planning;  Curricular development;  Retention efforts across the Department |
| **2012-2014** | Director of Supplemental Instruction. Purdue North Central | Develop and implementation of the Supplemental Instruction Program;  Coordination with faculty;  Collaboration with Student Affairs;  Supervision of student Supplemental Instructors |

**PROFESSIONAL AND FACULTY APPOINTMENTS**

**2020-Present** Faculty Athletic Representative – NCAA Division 2 Athletics

**2019-Present** Professor, Department of Psychology, Purdue University Northwest

**2016-Present** Professor, Department of Biological Sciences, Purdue University Northwest

**2015-Present** Graduate Faculty, Purdue University

**2012-2016** Associate Professor, Department of Biology/Chemistry, Purdue University – North Central, Westville, Indiana

**2007-2012** Assistant Professor, Department of Biology/Chemistry, Purdue University – North Central, Westville, Indiana

**2006-2007** Visiting Faculty, Department of Biology, Wabash College, Crawfordsville, Indiana

**2006** Community Faculty Member, Department of Science, Nicolet Technical College, Rhinelander, Wisconsin

**2005-2006** Associate Lecturer, Department of Biology, University of Wisconsin Barron County

**2005-2012** Adjunct Instructor, Art Institute of Pittsburgh (Online University)

**2002-2006** Research Ecologist, United States Forest Service, Rhinelander, WI

**EXTERNAL APPOINTMENTS AND SERVICE**

**2020-2021** Indiana Academy of Science Past President

**2019-2020** Indiana Academy of Science President

**2018-2019** Indiana Academy of Science President Elect

**2016-Present** Peer Review Corp, Higher Learning Commission

**2015-2018** Indiana Academy of Science Secretary

**2013-Present** Science Education Section Editor. Proceedings of the Indiana Academy of Science

**2014-2016** AAC&U Faculty Collaborative Steering Committee Member

**2012-2016** GRE Biology Subject Test Development Committee Member

**HONORS AND AWARDS**

**2019** Outstanding Achievement Award. Indiana Academy of Science.

**2017** Flaherty, E., P. Zollner, **V.S. Quinn**, D. Wood, and R. Urbanek. 2017. Educational

Workshop for Improving Student Success While Attending a Professional Conference. Association of Public Land-Grant Universities. Academic Programs Section Innovative Teaching Awards.

**2017** Indiana Academy of Science Fellow

**2016** Department of Biology and Chemistry Chair’s Award for Grantsmanship, Purdue North Central

**2016** Department of Biology and Chemistry Chair’s Award for Scholarship, Purdue North Central

**2014** Club Advisor of the Year, Purdue North Central

**2001** Graduate Student Talks in Ecology and Evolution, Honorable Mention, Society for the Study of Amphibians and Reptiles.

**1999** Outstanding Graduate Student, Department of Biology, Northern Michigan

University.

**1998** Martin Schein Founder’s Memorial Poster Award, Honorable Mention, Animal

Behavior Society meeting

1. Association of Midwest Graduate Programs Distinguished Thesis Award

(Nomination).

**CERTIFICATION**

* August, 2020 ACUE Certificate in Inclusive Teaching
* June, 2018 ACUE Certificate in Effective College Instruction

**PUBLICATIONS**

***Research Articles***

* Flaherty, E., R. Urbanek, D. Wood, C. Day, L. D’Acunto, **V. Quinn**, and P. Zollner. 2019***.*** Mentored conference experiences support students’ career exploration and professional development. *Wildlife Society Bulletin*. 43(4):565-575.
* Flaherty, E., R. Urbanek, D. Wood, C. Day, L. D’Acunto, **V. Quinn**, and P. Zollner. 2018.A framework for mentoring students attending their first professional conference. *Natural Sciences Education.*  47:1-8.
* Gielda, L., and **V.S. Quinn**. 2018*.* Adoption of Continual Curricular Review Examinations to Increase Retention in the Health Sciences. *Global Education Journal.* 80(1):1-4.
* **Quinn, V.S**. 2015. Using astrology to confront and discuss pseudoscience in the classroom. *The American Biology Teacher.* 77:542-548.
* **Quinn, V.S**. 2015. Undergraduate students respond more favorably to E-mail or text reminders than verbal reminders alone. *Global Education Journal.* 2015(3):17-20.
* James, P.M.A., Cooke, B., Brunet, B., Lumley, L., Sperling, F., Fortin, M.-J., **Quinn, V.S.,** and Sturtevant, B.R. 2015*.* Life-stage differences in spatial genetic structure in an irruptive forest insect: Implications for dispersal and spatial synchrony. *Molecular Ecology* 24:296-309.
* **Quinn, V.S.** 2013. The effect of greenhouse gases on the frequency and intensity of black willow scale (*Chionaspis salicisnigrae*) infestation. *Proceedings of the Indiana Academy of Science* 122:40-43
* Bennett, V.J., **V.S. Quinn,** and P.A. Zollner. 2013. Exploring the implications of recreational disturbance on an endangered butterfly using a novel modeling approach. *Biodiversity and Conservation*. 22:1783-1798.
* **Quinn, V.S.,** C.-C. Tsai, and P.A. Zollner. 2010. Distribution of the plains pocket gopher (*Geomys bursarius*) in the grassland physiographic regions of Indiana. *Proceedings of the Indiana Academy of Science*. 119:87-94
* **Quinn, V.S.** and D.K. Hews. 2010. The evolutionary decoupling of behavioral and color cued in a multicomponent signal in two *Sceloporus* lizards. *Ethology*116:509-516.
* Jenkins, S., and **V.S. Quinn.** 2010 Impact of an Online HIV/AIDS Education and Prevention Course on College Student Participants – A Pilot Study. *AIDS Online International.*
* Kubiske, M.E., **V.S. Quinn,** P.E. Marquardt, and D.F. Karnosky. 2008. Effects of elevated atmospheric CO2 and/or O3 on intra- and interspecific competitive ability of aspen. *Plant Biology*. 9:342-355.
* Kubiske, M.E., **V.S. Quinn,** W.E. Heilman, E.P. McDonald, P.E. Marquardt, R.M. Teclaw, A.L. Friend, and D.F. Karnosky. 2006. Feedback between climate change and the carbon cycle: Climatic variation mediates CO2 and O3 effects on forest growth**.***Global Change Biology* 12:1054-1068.
* King, J.S., M.E. Kubiske, K.S. Pregitzer, G.R. Hendrey, C. Giardina,E.P McDonald, **V.S. Quinn,** and David F. Karnosky. 2005. Net primary production in young stands of trembling aspen, paper birch, and sugar maple as affected by elevated atmospheric CO2. *New Phytologist* 168: 623-636.
* **Quinn V.S.** and D.K. Hews. 2005. Detection and response to conspecific chemical cues by ornate tree lizards (*Urosaurus ornatus*). *Journal of Herpetology* 39(2):496-499.
* **Quinn, V.S.** and D.K. Hews. 2003. Abdominal color variation in phrynosomatid lizards is correlated with dermal melanin density. *Copeia* 2003:858-864.
* **Quinn, V.S.,** M. Klukosky, and D.K. Hews. 2001.Longevity of paint marks and the lack of effect on survivorship and growth of *Sceloporus* lizards. *Herpetological Review.* 32(2):92-93.
* Graves, B.M. and **V.S. Quinn.** 2000.Temporal persistence of alarm pheromones in skin secretions of the salamander, *Plethodon cinereus*. *Journal of Herpetology*.34:287-291.
* **Quinn, V.S.** and D.K. Hews. 2000c.Dermal melanin density explains variation in a phylogenetically labile color signal in *Sceloporus* lizards: correlational and experimental evidence. *American Zoologist*.40(6):1182.
* **Quinn, V.S.** and D.K. Hews. 2000b.Species variation in female preference for male behavioral and morphological signaling traits. *American Zoologist*.40(6):1182.
* **Quinn, V.S.** and D.K. Hews. 2000a.Signal and behavioural response to the signal are not evolutionarily coupled in males: aggression affected by replacement of an evolutionarily lost colour signal. *Proceedings of the Royal Society London*, *Series B*.267:755-758.
* **Quinn, V.S.** and B.M. Graves. 1999b. A technique for sexing red-backed salamanders (*Plethodon cinereus*). *Herpetological Review*. 30:32.
* **Quinn, V.S.** and B.M. Graves. 1999a.Space use in response to conspecifics by the red-backed salamander (*Plethodon cinereus*, Plethodontidae, Caudata)*. Ethology*105:993-1002.
* **Quinn, V.S.** and B.M. Graves. 1998b. Home pond discrimination using chemical cues in *Chrysemys picta. Journal of Herpetology*. 32:457-461.
* **Quinn, V.S.** and B.M. Graves. 1998a. Responses to the odors of conspecifics by the crayfish *Orconectes virilis. Crustaceana*. 71:856-861.

***Books:***

* **Quinn, V.S. 2022.** Introduction to Human Biology Lab Manual. Dubuque, IA: Kendal Hunt. 47 pages.
* **Quinn, V.S. 2021.** Introduction to Life Sciences Lab Manual. Dubuque, IA: Kendal Hunt. 66 pages.
* **Quinn, V.S. 2015.** Current Topics in Biology. Dubuque, IA: Kendal Hunt. 303 pages.
* **Quinn, V.S. 2013.** Biology for Elementary School Teachers. Dubuque, IA: Kendall Hunt. 281 pages.

***Book Chapters:***

* **Quinn, V.S.** 2014. Ecology and Ecosystems. *Connex.* Words and Numbers
* Hews, D.K. and **V.S. Quinn.** 2003. Endocrinology of species differences in sexually dimorphic signals and aggression: using the organization and activation model in a phylogenetic framework. In: *Lizard Social Behavior*. 253-277. Fox, S. F., Baird, T. A., and McCoy, J. K. (Eds.). Baltimore: Johns Hopkins University Press.

***Technical Reports:***

* Zollner, P.A., Z. Ma, R. Chapman, and **V.S. Quinn**. 2015. Indiana State Wildlife Action Plan. 269 pages. Submitted to the Indiana Department of Natural Resources.
* Bennett, V.J., P.A. Zollner, and **V.S. Quinn.** 2010. Simulating the implications of recreational disturbance on Karner blue butterflies (*Lycaeides melissa samuelis*) at the Indiana Dunes National Lakeshore. Submitted to the IISEA Project.
* Sturtevant, B.R., P.A. Townsend, **V.S. Quinn,** D.D. Kneeshaw, B.J. Cooke, and M.-J. Fortin. 2009. Designing pest resistant landscapes: Summary of spruce budworm research and implications for fire risk in northeastern Minnesota. Submitted to the Superior National Forest.
* Zollner, P.A., T. Chia-Chin, and **V.S. Quinn.** 2008. Distribution of the plains pocket gopher (*Geomys bursarius*) in the grassland physiographic regions of Indiana. Submitted to: Scott Johnson, Indiana Department of Natural Resources, 553 East Miller Drive, Bloomington, IN 47401

**GRANTS**

* Choudhury, M., Mabrito, M., **Quinn, V.S**., and Detmer, D. 2022. Sustainability, Environmental Literacy, and Literature. Purdue Northwest College of Humanities, Education, and Social Sciences Bold to be Bold Grant. $10,000
* **Quinn, V.S** & C. Ragan. 2020. Brain Day. Indiana Academy of Science. $4000
* **Quinn, V.S.** 2020. A Case Study of Foster Mother-Offspring Interactions and Stress Physiology in Orangutans (*Pongo abelii)*. Purdue Northwest Faculty Research Grant. $2289.15
* **Quinn, V.S.,** A.W. Rengstorf, & A. Warren. 2019. Increasing Participation in Astronomical Observation: Star Gazing from 8 - 80. Indiana Academy of Science. $4000.
* Gielda, L.M., L.S Pelter, **V.S. Quinn**, C.Q. Zhou, and N. Desai. 2018. Development of an Interdisciplinary Undergraduate STEM Research Curricular Program. Purdue Northwest Interdisciplinary Grant. $20,000.
* Flaherty, E., P.A. Zollner, **V.S. Quinn,** D. Wood, R. Urbanek. 2017. Educational workshop for improving student success while attending a professional conference. Purdue Northwest Interdisciplinary Grant. $1790.50.
* **Quinn, V.S**. 2017. Undergraduate Student Research at Purdue University Northwest: Funding STEM and non-STEM students. Indiana NASA Space Grant. $15,000.
* **Quinn, V.S**. 2016. Increasing participation in Undergraduate Research Conferences. Capitol Request. Lilly Foundation. $12,000.
* **Quinn, V.S**. 2016. Advancing Undergraduate Student Research at Purdue University Northwest: Lessons Learned. Indiana NASA Space Grant. $15,000.
* **Quinn, V.S**. 2015. Undergraduate Student Research at Purdue University Northwest: Piloting a New Model at a New University. Indiana NASA Space Grant. $15,000.
* **Quinn, V.S**. 2015.The Effect of Habitat on Roadkill in the Dunes National Park. Indiana Academy of Science. $800.
* Klosinski, K., L. Gielda, and **V.S. Quinn.** 2015. Anatomy and physiology modules to improve performance in nursing classes. Purdue North Central Course Improvement Grant. $2200.
* **Quinn, V.S.,** H. Fielding, A. Warren, K. Bishop-Morris, and J. Rowan. 2015. Honors writing for STEM: Catalyzing growth in general scientific literacy and STEM student research. $20,000. Purdue University North Central Collaborative Research Grant Program.
* Zollner, P., R.M. Blythe, R.N. Chapman, Z. Ma, and **V.S. Quinn**. 2014. Integrating Ecological, Landscape and Social Information for Wildlife Conservation and Management in Indiana. Indiana Department of Natural Resources. $74,084.
* Rigg, S. and **V.S. Quinn**. 2014. Delta Sigma Science Fair. Indiana Campus Compact. $1250
* Rigg, S. and **V.S. Quinn**. 2013. Influenza Vaccination Drive. Indiana Campus Compact Grant. $1250.
* **Quinn, V.S.** 2012. Variation in Sensitivity of a Local Butterfly Community to Recreational Activities. Flora Richardson Foundation. $7498
* **Quinn, V.S.** 2011. Sabbatical Request: Active Learning in the Non-Major Biology Classroom. One semester sabbatical release.
* Thomas, J.A. and **V.S. Quinn.** 2010. Effects of Dual Credit Participation on the Section, Performance, and Time of Completion of College for Northern Indiana Students. College of Science Scholarship of Teaching and Learning Project Grant $1000.
* **Quinn, V.S.** 2010. The Use of Conceptual Inventories to Assess Student Understanding in Biology. Purdue University North Central. Quarter-time release request.
* Bennett, V., **V.S. Quinn**, and P.A. Zollner. 2010. Simulating the implications of recreational disturbance on Karner blue butterflies (*Lycaeides melissa samuelis*) at the Indiana Dunes National Lakeshore. SEA grant $10,000.
* **Quinn, V.S.** and V. Bennett. 2009. Implications of recreational disturbance on ovipositing Karner blue butterflies. Indiana Academy of Science. $2819.44.
* **Quinn, V.S.** 2009. Student Volunteerism in the Restoration of Coffee Creek - a Local Watershed Preserve. Purdue University North Central. $800
* Zollner, P.A.and **V.S. Quinn**. 2008. Distribution of the plains pocket gopher (*Geomys bursarius*) in the grassland physiographic regions of Indiana. Indiana Department of Natural Resources. $8,000.

# Quinn, V.S. 2007. Population Connectivity of Spruce Budworm in Relation to Distance and Host Tree Patterns in Northern Minnesota and Ontario. Purdue Research Foundation Summer Faculty Grant. $8000.

* **Quinn, V.S.** 2007. Travel Grant to the Midwest GeoScience Meeting. Midwest GeoScience Society. $600.
* Sturtevant, B., **V.S. Quinn**, and P. Townsend. 2005. Designing Pest-Resistant Forest Landscapes: A Multi-scale Test of the Importance of Spatial Pattern. United States Department of Agriculture. $460,000.
* **Quinn, V.S**. 2000. Dissertation Research: Endocrine Coupling of Display Behavior and Display Morphology for Sexually Dimorphic Aggressive Signals that Differ in Two Sister-Species. National Science Foundation Doctoral Dissertation Improvement Grant. $9286.
* **Quinn, V.S.** 2000. Female Response to Abdominal Coloration in *Sceloporus* Lizards: A Comparative Approach. Indiana State University Graduate School Travel Award. $150.
* **Quinn, V.S.** 1999. The Effect of Androgens on the Dermal Chromatophore Unit of *Sceloporus* Lizard Ventral Coloration. Indiana State University Graduate School Research Grant. $150
* **Quinn, V.S**. 1999. The Effect of Androgens on the Dermal Chromatophore Unit of *Sceloporus* Lizard Ventral Coloration. Indiana Academy of Science. $700.
* **Quinn, V.S.** 1998. The Behavioral Significance of Blue Belly Patches in *Sceloporus* Lizards. Indiana Academy of Science. $600
* **Quinn, V.S.** 1998. The Behavioral Significance of Blue Belly Patches in *Sceloporus* Lizards. Indiana State University Graduate School Grant. $200
* **Quinn, V.S.** 1998. The Behavioral Significance of Blue Belly Patches in *Sceloporus* Lizards. American Museum of Natural History-Southwestern Research Station Graduate Student Fund. $700
* **Quinn, V.S.** 1998. The Behavioral Significance of Blue Belly Patches in *Sceloporus* Lizards. American Museum of Natural History- Theodore Roosevelt Memorial Fund. $1000
* **Quinn, V.S.** 1998. The Behavioral Significance of Blue Belly Patches in *Sceloporus* Lizards. Gaige Award, American Society of Ichthyologists and Herpetologists. $500
* **Quinn, V.S.** 1998. The Behavioral Significance of Blue Belly Patches in *Sceloporus* Lizards. American Museum of Natural History-Southwestern Research Station Graduate Student Fund. $500
* **Quinn, V.S.** 1998. The Behavioral Significance of Blue Belly Patches in *Sceloporus* Lizards. Indiana State University Graduate School Grant. $200
* **Quinn, V.S.** 1997. Histology of the Blue Belly Patches in *Sceloporus* Lizards*.* Indiana State University Graduate School Grant. $200
* **Quinn, V.S.** 1997. Histology of the Blue Belly Patches in *Sceloporus* Lizards*.* Indiana Academy of Science. $1100
* **Quinn, V.S.** 1996. Homing in Painted Turtles (*Chrysemys picta*). Spooner Grant, Northern Michigan University. $500.
* **Quinn, V.S.** 1996. Homing in Painted Turtles (*Chrysemys picta*). Excellence in Education Grant, Northern Michigan University. $1000.
* **Quinn, V.S.** 1996. Geographic Variation in Redback Salamanders(*Plethodon cinereus*)*.* Michigan Polar Equator Grant, Michigan Polar Equator Club. $500.
* **Quinn, V.S.** 1995. Geographic Variation in Redback Salamanders(*Plethodon cinereus*)*.* Excellence in Education Grant, Northern Michigan University. $1000

**INVITED SEMINARS**

* Quinn, V.S., C.M. Gillotti, & E. Carey. 2022. A thematic approach to General Education Reform: A Pilot Study. AAC&U Conference on General Education, Pedagogy, and Assessment. San Diego, CA.
* Quinn, V.S. 2021. Lead exposure in wildlife: A community partnership. Plenary Presentation 54th Annual Meeting of the Indiana Academy of Science. Indianapolis, Indiana.
* Quinn, V.S. 2019. Biodiversity and biophilia in children’s media. Key Note Speaker for the Indiana Science Talent Search. Indianapolis, Indiana.
* Quinn, V.S. 2013. Pedestrian foot traffic disturbs ovipositing Karner blue butterflies: potential implications for trail construction. Indiana Dunes National Lakeshore Science Conference. Valparaiso, Indiana
* Quinn, V.S. 2013. Variation in Sensitivity of a Local Butterfly Community to Recreational Activities. Flora Richardson Foundation
* Quinn, V.S. 2012. Pedestrian foot traffic disturbs ovipositing Karner blue butterflies: potential implications for trail construction. Indiana Dunes National Lakeshore Science Conference. Fort Wayne, Indiana
* Quinn, V.S. 2009. Habitat Selection in Red-backed Salamanders. LCO College, Hayward, Wisconsin.
* Sturtevant, B.R., P. Townsend, V. Quinn, M.-J. Fortin, and D. Kneeshaw. 2008. Designing pest resistant landscape: the importance of scale. 6th Annual Forest and Wildlife Research Review, Duluth, MN
* Sturtevant, B.R., V. Quinn, and P. Townsend. 2005. Dispersal limitation in spruce budworm populations of Minnesota and its effect on balsam fir patterns. 4th Annual Forest and Wildlife Research Review, Duluth, Minnesota
* Quinn. V.S. 2004. Growth response of forests under elevated atmospheric CO2 and O3. Wisconsin DNR and US Forest Service North Central Research Station Forest Research Exchange Day, Madison, WI.
* Quinn, V.S. Free Air Carbon Enrichment (FACE) Site: An Overview of Global Change and Research.
  + Nicolet Community College, Rhinelander, WI. October 14, 2003
  + Albright College, Reading, Pennsylvania. October 21, 2003
* Quinn, V.S. Proximate and Ultimate Factors Associated with the Loss of a Sexually Dimorphic Signal in *Sceloporus* Lizards.
  + Northern Michigan University, Marquette, Michigan. February 19, 2003.
  + Albright College, Reading, Pennsylvania. October 22, 2003
  + Wabash College, Crawfordsville, Indiana. April 13, 2006

**PAPERS AND POSTERS PRESENTED AT CONFERENCES**

2021 Indiana Academy of Science – Plenary Presentation

Neuroscience

Society for Neuroscience

Purdue Northwest Days of Discovery

2020 Indiana Academy of Science – Plenary Presentation; Cancelled due to COVID

2019 Indiana Academy of Science

2018 North Carolina Chapter of the Wildlife Society

North American Colleges and Teachers of Agriculture

2017 American Mammal Society

Indiana Academy of Science

Purdue Northwest Faculty Research Day

2016 American Mammal Society

Indiana Academy of Science

Purdue University Calumet Faculty Research Day

The Wildlife Society

2015 Midwest Fish and Wildlife Conference

American Society of Mammologists

Purdue Calumet Faculty Research Day

2012 Oak Openings

Indiana Academy of Science

Butler Undergraduate Research Symposium

2011 Butler Undergraduate Research Symposium

Animal Behavior Society Meeting

2010 Butler Undergraduate Research Symposium

2009 Butler Undergraduate Research Symposium

Indiana Academy of Science

American Society of Mammologists

2008 Butler Undergraduate Research Symposium

Indiana Academy of Science

LS-AMP State Meeting

2007 International Association of Landscape Ecologists

2006 CREES

2005 Global Climate Change

2004 US Climate Change Science Program Workshop.

Global Climate Change

Ecology Society of American

International Association of Landscape Ecologists

2003 Aspen Free Air Carbon Enrichment Annual Meeting

2001 Society for the Study of Amphibians and Reptiles

Animal Behavior Society, Corvallis, OR.

2000 Society for Integrative and Comparative Biology

Society for the Study of Evolution

1999 Animal Behavior Society

Indiana Academy of Science

Indiana State University Research Showcase

Midwest Behavioral Ecology

Sigma Xi

Society of Integrative and Comparative Biologists

Western Regional Conference on Comparative Endocrinology

1998 Indiana Academy of Science

#### 1996 Midwest Ecology & Evolution Conference

Society for the Study of Amphibians and Reptiles

**Educational Testing Services Consultant**

* 2012 – 2016: Dr. Quinn was selected by the Educational Testing Service to sit on the Development Committee for the GRE Biology Subject test. Dr. Quinn wrote and reviewed questions for the Biology Subject test. In addition, Dr. Quinn reviewed the content and quality of the Biology Subject test prior to submission.
* 2009 – 2011: Dr. Quinn wrote and reviewed questions for the Educational Testing Service for the GRE Biology Subject Test. Over three years Dr. Quinn has reviewed approximately 60 questions for content, grammar, and style.

**Review of Contribution to Textbooks**

* Dynamic Study Review – Dr. Quinn worked with Pearson publishing to provide questions and explanations for responses to questions for 11 chapters in the Freeman Biology Textbook 7th edition.
* Freeman Test Bank Review – Dr. Quinn edited and wrote 5 questions for each of nine chapters in the Freeman Biology Textbook 7th edition (Peterson publisher). In addition, Dr. Quinn is editing for style, grammar, and content the questions submitted by other question authors. In this role Dr. Quinn has worked closely with the editor to return assignments in a timely manner under some short time schedules. 2012-current.
* Dr. Quinn reviewed Discovering Biology 4th edition (Norton Publishing) for content, grammar, and style. September 2012.
* Dr. Quinn reviewed four chapters for the textbook *Biological Science, 4th edition* (author: Scott Freeman, published by Benjamin Cummings). May, 2010.
* Freeman Test Bank Review – Dr. Quinn edited and wrote approximately 30 questions for each of nine chapters in the Freeman Biology Textbook 6th edition (Peterson publisher). 2009-2010
* Dr. Quinn edited three chapters for the*Biological Science, 3rd edition Instructor Guide*. December, 2008
* Freeman Study Guide. December, 2008

**Online Course Content Developing/Content Expert**

* Rocky Mountain College of Art and Design – Dr. Quinn wrote all materials for Natural Science 2030: Life Science. This is an online course.
* Content Matter Expert – Dr. Quinn set cut scores in anatomy and physiology course examinations for the Council for Aid to Education.

**TEACHING RESPONSIBILITIES**

Purdue University North Central/Purdue Northwest

Anatomy and Physiology 1 & 2

Animal Behavior

Animal Physiology

Biology for Elementary Educators 1 & 2

Current Topics in Biology

Ecology of Infectious Diseases – ***Online Course***

Evolution of Human Mating Systems

First Year Experience

Field Ecology – ***Travel Study Course***

Herpetology

Human Sexuality

Introductory Biology: Structure Function

Introductory Ecology

Introduction to Ecology and Evolution

Natural History of the Smoky Mountain – ***Travel Study Course***

Reproductive Physiology

Senior Capstone Experience – ***Hybrid Course***

Sex and Evolution

Art Institute of Pittsburgh – ***Online Courses***

Nutrition

Introductory Biology

Strategies for Success

Wabash College

Evolution

Human Biology

Senior Seminar

Nicolet Technical College

General Anatomy and Physiology

University of Wisconsin-Barron County

Human Impact on the Environment

Introductory Biology

Introduction to Fish, Forest, and Wildlife Resources

**TRAINING AND WORKSHOPS**

**2022** Faculty Learning Community: Diversity and Inclusion in STEM

**2021** General Education Workshop. Purdue Northwest

**2016** First Year Experience Training and Workshop. Purdue North Central/Purdue Calumet

**2015** First Year Experience Training and Workshop. Purdue North Central/Purdue Calumet

Innovations in education: An Animal Science Curriculum for the 21st Century

Council on Undergraduate Research annual meeting

**2014** Purdue College of Agriculture New Directions for Distance Learning in the

College of Agriculture.

**2013** Teaching in Higher Education: Active Learning Practices. Purdue West Lafayette

**2013** Membership in the PNC Online Academy for Effective Instruction.

**2013** HHMI Curriculum Module Workshop – Integrating Statistical Analysis and

Experiment Design into Life Science Education.

**2013** HHMI Special Seminar and Workshop on Scientific Teaching

**2013** First Nations Capturing Resilience Summit

**2013** National Science Foundation Day at IUPUI

**2012** National Science Foundation: Implementing Vision and Change

**2005** Opening Workshop for New STEM Educators in the UW System.

**2005** Socrates Online Facilitator Training.

## GRADUATE STUDENT COMMITTIES

Completed

* Murphy, Shane. 2021. MS Thesis Committee. Biological Sciences. Purdue Northwest
* Xioang Yu. 2020. MS Non-Thesis Committee. Biological Sciences. Purdue Northwest
* Noah Feldman. 2020. MS Thesis Committee. Biological Sciences. Purdue Northwest
* Jeffery Allen. 2019. PhD Dissertation Committee. Health Sciences. Indiana State University
* Eric Keheller. 2019. MS Thesis Committee. Biological Sciences. Purdue Northwest
* Danielle Szymokski. 2019 Non-Thesis Committee. Biological Sciences. Purdue Northwest.
* Anna Zipay. 2019. Non-Thesis Committee. Biological Sciences. Purdue Northwest.
* Cami Graber. 2018. MS Thesis Committee. Biological Sciences. Purdue Northwest
* Anthony Repay. 2018. MS Non-Thesis Committee. Biological Sciences. Purdue Northwest
* Gopi Patel 2016. MS Thesis Committee. Biological Sciences. Purdue Calumet.
* Brandon Quinby. 2016. MS Thesis Committee. Biological Sciences. Purdue Calumet.

## RECENT COMMITTEE SERVICE

* External
  + Indiana Academy of Science Council – 2015 – 2021
  + Indiana Academy of Science Awards Committee – 2019 – 2021
  + AAC&U VALUE Rubric Scorer – 2014 – 2017
  + AAC&U Faculty Collaborative Steering Committee and Faculty Fellow – 2014-2016
* Purdue University
  + Purdue West Lafayette Senate – 2016 – 2017; 2020-Present
  + Purdue West Lafayette Education Policy Committee – 2020 - Present
  + Intercampus Faculty Committee – 2016 – 2017; 2020 – Present
    - Chair: 2021 - Present
  + University Curriculum Committee, West Lafayette – 2016 – 2017; 2021 - Present
  + JPUR Review Committee – 2016 – 2018
  + Purdue West Lafayette Faculty Affairs Committee – 2016 – 2017
* Purdue Northwest
  + General Education Task Force – 2019 – Present
  + PNW Student Award Committee – 2017
  + Purdue Northwest Senate – 2016 – Present
  + Purdue Northwest Faculty Affairs Committee – 2016 – Present
    - Co-Chair 2018 – 2019
  + Creating a Culture of Inclusion Team – 2019 - 2021
  + TRUE-PNW Task Force – 2019 – 2020
  + Imagine PNW Strategic Planning Task Force – 2018 – 2019
  + Imagine PNW Strategic Resource Allocation Task Force – Service Functions – 2018 – 2019
  + Program Review Steering Committee – 2017
  + Faculty Research Day Organizing Committee – 2017
  + Science Olympiad – Purdue Northwest – 2016 – Present
  + Chancellor’s AccessAbility Committee – 2016 – 2019
  + International Affairs Faculty Advisory Board – 2016 – 2017
  + PNW Research Board
    - *Ex officio* member: 2016 – 2017
    - Chair: 2017 – 2018
  + PNC Student Research Day Organizing Committee – 2015 – 2016
    - Chair

## PROFESSIONAL ASSOCIATIONS

American Society of Mammologists

Animal Behavior Society

Indiana Academy of Science

* Committee and leadership positions.
  + 2020 – 2021: Past President
  + 2019 – 2020: President
  + 2018 – 2019: President Elect
  + 2016 – 2018: Secretary of the Council of Indiana.
  + 2012 – 2016: Section chair in Science Education
  + 2010 – 2012: Section chair in Ecology
  + 2010 – 2012: Junior Grant committee
  + 2010 – 2015: Science and Society committee
  + 2010 – 2012: Science Talent Search committee

National Association of Biology Teachers

The Wildlife Society