

# Curriculum Vitae

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## Professional Experience

Fellow, Land Center for Cultural Engagement, Southwestern Baptist Theological Seminary (Aug 2022–present).  
Associate Professor of Biology, Union University (Aug 2021–present).  
Assistant Professor of Biology, Union University (Aug 2015–Jul 2021).  
Lecturer, Taxonomy of Adult Insects, University of Tennessee (Aug 2014–Dec 2014).  
Teaching Assistant, Taxonomy of Adult Insects, University of Tennessee, Knoxville (Aug 2013–Dec 2013).  
Research Assistant, University of Tennessee (Jan 2012–Jul 2015).  
Taxonomic Consultant, AquaTer (Feb 2013–Jul 2013).  
Taxonomic Specialist, All Taxa Biodiversity Inventory GSMNP (May 2011–Apr 2012).  
Chemical Analyst, TestAmerica Laboratories (Jun 2010–Dec 2011).  
Lab Technician (microbiology), High Plains Veterinarian's Outlet (March 2005–Aug 2008).

## Education

Ph.D. Entomology, University of Tennessee, Knoxville. Aug 2013–Aug 2015.  
M.S. Entomology, University of Tennessee, Knoxville. Jan 2012–Aug 2013.  
B.S. Biology, Bryan College, Dayton, TN. Aug 2006–May 2010.

## Peer-reviewed publications

Armstrong, A.L., J.E. Sones, V. Lohrmann, P.D.N. Hebert, D.H. Janzen, W. Hallwachs, and **J.D. Blaschke**. 2024. Six in one: cryptic species and a new host record for *Olixon* Cameron (Rhopalosomatidae: Hymenoptera) revealed by DNA barcoding. *Journal of Hymenoptera Research*, in press.

**Blaschke, J.D.** 2022. Parasite soup: Faith and science in the history of parasitology. *Zygon: The Journal of Religion and Science*. 57: 344–367.

**Blaschke, J.D.** 2022. Examining the utility of molecular characters for investigating the discontinuity hypothesis. *Journal of Creation Theology and Science Series B: Life Sciences* Volume 12:1.

Wheeler, S. and **J.D. Blaschke** 2022. Examining between-clade incongruence within Vespoidea using *Cytochrome Oxidase I*. *Journal of Creation Theology and Science Series B: Life Sciences* Volume 12:9.

- Lohrmann, V., Q. Zhang, P. Michalik, **J. Blaschke**, P. Müller, L. Jeanneau, V. Perrichot. 2020. †*Cretolixon*—A remarkable new genus of rhopalosomatid wasps (Hymenoptera: Vespoidea: Rhopalosomatidae) from chemically tested, mid-Cretaceous Burmese (Kachin) amber supports the monophyly of Rhopalosomatinae. *Fossil Record* 23(2):215–236.
- Wentley, M.G., A.S. Rhodes, and **J.D. Blaschke**. 2020. Community, autonomy, and the emergence of parasitism. *Journal of Creation Theology and Science Series B: Life Sciences* 10:4.
- Rhodes, A.S., M.G. Wentley, and **J.D. Blaschke**. 2020. Evidence for a recent transition into parasitism within four phyla of marine animals. *Journal of Creation Theology and Science Series B: Life Sciences* 10:2–3.
- Miller, L.A., T.D. Benefield, S.A. Lounsbury, V. Lohrmann, and **J.D. Blaschke**. 2019. DNA barcoding of rhopalosomatid larvae reveals a new host record and genetic evidence of a second species of *Rhopalosoma* Cresson (Hymenoptera: Rhopalosomatidae) in America north of Mexico. *Journal of Hymenoptera Research* 74: 35–46.
- Blaschke, J.D.**, J.E. O’Hara, and J.K. Moulton. 2019. Biodiversity survey and molecular identification of the Phasiinae (Diptera: Tachinidae) of Great Smoky Mountains National Park, USA. *Proceedings of the Entomological Society of Washington* 121(1):1–14.
- Stireman III, P. Cerretti, J.E. O’Hara, **J.D. Blaschke**, and J.K. Moulton. 2019. Molecular phylogeny and evolution of world Tachinidae (Diptera). *Molecular Phylogenetics and Evolution* 135:106358.
- Blaschke, J.D.** 2018. Towards a Young-Earth model of parasite evolution. *Journal of Creation Theology and Science Series B: Life Sciences* 8:1.
- Blaschke, J.D.**, J.O. Stireman III, J.E. O’Hara, P. Cerretti, and J.K. Moulton. 2018. Molecular phylogenetics and piercer evolution in the bug-killing flies (Diptera: Tachinidae: Phasiinae). *Systematic Entomology* 43(1):218–238.
- Blaschke, J.D.** 2015. Evolution and phylogeny of the parasitoid subfamily Phasiinae (Diptera: Tachinidae). PhD dissertation, University of Tennessee, Knoxville.
- Winkler, I.S., **J.D. Blaschke**, D.J. Davis, J.O. Stireman III, J.E. O’Hara, P. Cerretti, and J.K. Moulton. 2014. Explosive radiation or uninformative genes? Origin and early diversification of tachinid flies (Diptera: Tachinidae). *Molecular Phylogenetics and Evolution* 88:38–54.
- Blaschke, J.D.** 2014. Ancestral state reconstruction as a new method for identifying baramins of parasites and pathogens. *Journal of Creation Theology and Science Series B: Life Sciences* Volume 4:23–24.
- Blaschke, J.D.** 2011. The Hebrew taxonomy of living things. *Journal of Creation Theology and Science Series B: Life Sciences* Volume 1:2.
- Blaschke, J.D.** and R.W. Sanders. 2009. Preliminary insights into the phylogeny and speciation of *Scalesia* (Asteraceae), Galápagos Islands. *Journal of the Botanical Research Institute of Texas* (3)1:177–191.

### Magazine articles

- Francis, J., **J.D. Blaschke**, T.C. Wood, C. Humphrey, and R.W. Sanders. 2014. Students participate in grant-funded bark beetle research. *The Forestry Source* (19)11:16–18.
- Winkler, I.S., J.O. Stireman, J.K. Moulton, J.E. O’Hara, P. Cerretti, and **J.D. Blaschke**. 2014. Progress towards a molecular phylogeny of Tachinidae. *Tachinid Times* 27:11–14.
- Blaschke, J.D.** 2013. Student news. *Tachinid Times* 26:19.

## Invited Lectures

- Blaschke, J.D. 2023. *How many sexes are there? A biblical and biological exploration of human sexuality*. Equip Youth Apologetics Conference, Union University, Jackson, TN.
- Blaschke, J.D. 2022. *The beautiful & fallen world of God's tiny creatures*. The Master's University, Creation Summit, Santa Clarita, CA.
- Blaschke, J.D. 2022. *An ocean full of parasites*. The Master's University, Creation Summit, Santa Clarita, CA.
- Blaschke, J.D. 2022. *Does faith have a place in biology?* The Augustine School, Colloquium on Practical Christianity. Jackson, TN.
- Blaschke, J.D. 2021. *The conservation of beauty*. Union University, Jackson, TN. Faculty of the Year Chapel.
- Blaschke, J.D. 2021. *Finding a loving God inside a cockroach*. Creation Celebration, CORE Academy of Science, online.
- Blaschke, J.D. 2020. *Did God create parasites?* Creation Celebration, CORE Academy of Science, online.
- Blaschke, J.D. 2019. *The diversity of parasitoid flies of Great Smoky Mountains National Park, USA*. Symposium: The All Taxa Biodiversity Inventory of Great Smoky Mountains National Park, Annual meeting of the Entomological Society of America, St. Louis, MO.
- Blaschke, J.D. 2019. *Conservation and the beauty of animals in a post-Fall world*. Reclaiming Wisdom Beginning with Creation, Cedarville University, Cedarville, OH.
- Blaschke, J.D. 2019. *Bugs, bacteria, and beauty*. Union University Research Seminar, Jackson, TN.
- Blaschke, J.D. 2017. *Piercer evolution in the bug-killing flies*. Union University Research Seminar, Jackson, TN.
- Blaschke, J.D. 2014. *Bug eaters: the natural history of phasiine parasitoids*. University of Guyana, Georgetown, South America.

## Presentations

- Landers, E., V. Seymour, L. Cordner, S. Fluet, H. Peek, J. Ramgren, J. Phelps, B. Paulk, and **J.D. Blaschke**. 2023. *Using DNA barcoding to identify high priority taxa (Hymenoptera: Ichneumonidae) in Great Smoky Mountains National Park*. Entomology 2023. National Harbor, MD. November 2023.
- Armstrong, A.L., J.E. Sones, V. Lohrmann, P.D.N. Hebert, D.H. Janzen, W. Hallwachs, and **J.D. Blaschke**. Eleven years after: Revisiting the New World *Olixon* (Rhopalosomatidae: Hymenoptera) adding DNA barcodes reveals at least six cryptic species and a new host record. 10th Congress of the International Society of Hymenopterists. Iași, RO. July 2023.
- Shepherd, E., A. Winkler, S. Ruckersfeldt, and **J.D. Blaschke**. 2023. *Color and habitat preferences of pollinators at Cypress Grove Nature Park*. Annual Conference of the Association of Southeastern Biologists. Winston-Salem, NC. March 2023.
- Landers, E., V. Seymour, L. Cordner, S. Fluet, H. Peek, J. Ramgren, J. Phelps, B. Paulk, and **J.D. Blaschke**. 2023. *Using DNA barcoding to identify high priority taxa (Hymenoptera: Ichneumonidae) in Great Smoky Mountains National Park*. Annual Conference of the Association of Southeastern Biologists. Winston-Salem, NC. March 2023.
- Truitt C., B. Scott, and **J.D. Blaschke**. 2023. *Multi-locus molecular phylogeny of the cricket-assassin wasps (Hymenoptera: Rhopalosomatidae)*. Annual Conference of the Association of Southeastern Biologists.

Winston-Salem, NC. March 2023.

- Ramgren, J., Landers, E., V. Seymour, L. Cordner, S. Fluet, H. Peek, J. Phelps, B. Paulk, and **J.D. Blaschke**. 2023. *New wasp records from the ichneumonid subfamily Cryptinae in Great Smoky Mountains National Park*. Annual Conference of the Association of Southeastern Biologists. Winston-Salem, NC. March 2023.
- Crowley, K. and **J.D. Blaschke**. 2023. *Exploring spider wasp (Hymenoptera: Pompilidae) diversity in Cypress Grove Nature Park*. Annual Conference of the Association of Southeastern Biologists. Winston-Salem, NC. March 2023.
- Blaschke, J.D.** 2022. *Examining the utility of molecular characters for investigating the discontinuity hypothesis. Origins*. Purcellville, VA. 2022.
- Wheeler, S. and **J.D. Blaschke**. 2022. *Examining between-clade incongruence within Vespoidea using Cytochrome Oxidase I*. Origins. Purcellville, VA. 2022.
- Johnson, C.S., B.H. Krebs and **J.D. Blaschke**. 2021. *Molecular phylogenetics of the cricket-assassin wasps (Hymenoptera: Rhopalosomatidae)*. Annual Conference of the Association of Southeastern Biologists. March 2021.
- Mullin, D., A. Armstrong, P. Buck, S. Childress, H. Juliussen, R. Kuhl, D. Mullin, S. Ross, E. Straley, C. Walker, G. Woodring, S. Zemke, and **J. Blaschke**. 2021. *Exploring insect biodiversity and systematics using undergraduate students at Cypress Grove Nature Park*. Annual Conference of the Association of Southeastern Biologists. March 2021.
- Childress, S., A. Armstrong, P. Buck, H. Juliussen, R. Kuhl, D. Mullin, S. Ross, E. Straley, C. Walker, G. Woodring, S. Zemke, and **J. Blaschke**. 2021. *The hidden world of pollinators at Cypress Grove Nature Park*. Annual Conference of the Association of Southeastern Biologists. March 2021.
- Mullin, D., T. Benefield, S. Lounsbury, L. Miller, and **J. Blaschke**. 2021. *A new host record for the cricket assassin wasp Rhopalosoma nearcticum (Brues)*. Annual Conference of the Association of Southeastern Biologists. March 2021.
- Wentley, M.G., A.S. Rhodes, and **J.D. Blaschke**. 2020. *Community, autonomy, and the emergence of parasitism*. Origins. July 2020.
- Rhodes, A.S., M.G. Wentley, and **J.D. Blaschke**. 2020. *Evidence for a recent transition into parasitism within four phyla of marine animals*. Origins. July 2020.
- Lounsbury, S.A. and **J.D. Blaschke**. 2019. Life history notes of the rare ectoparasitoid wasp *Rhopalosoma nearcticum*. Association of the Southeastern Biologists. Memphis, TN. April 2019.
- Lemon, J.J. and **J.D. Blaschke**. 2019. Examining the antibiotic effects of hemolymph from immune challenged squash bugs (*Anasa tristis*). Association of the Southeastern Biologists. Memphis, TN. April 2019.
- Blaschke, J.D.** 2018. *Should all species be conserved? Thoughts on Trinitarian ecology and the problem of parasites*. Baylor Symposium on Faith and Culture: Stewardship of Creation. October 2018.
- Blaschke, J.D.** 2018. *Towards a Young-Earth model of parasite evolution*. Origins. Pittsburgh, PA. July 2018.
- Cerretti, P., J.O. Stireman III, J.E. O'Hara, J.K. Moulton, I.S. Winkler, and **J.D. Blaschke**. 2016. *The evolution of reproductive strategies in tachinid parasitoids (Diptera: Tachinidae)*. International Congress of Entomology. Orlando, FL. September 2016.
- Stireman III, J.O., J.K. Moulton, P. Cerretti, J.E. O'Hara, I.S. Winkler, and **J.D. Blaschke**. 2016. *Phylogeny and*

*diversification of world Tachinidae (Diptera)*. International Congress of Entomology. Orlando, FL. September 2016.

**Blaschke, J.D.** 2014. *Evolution and phylogeny of the parasitoid subfamily Phasiinae (Diptera: Tachinidae)*. Entomological Society of America, Southeastern Branch Meeting. Greenville, SC. March 2014.

Francis, J, **J.D. Blaschke**, R.W. Sanders, and T.C. Wood. 2014. *Research update: pine bark beetle associated tree destruction in North America*. Origins. Colorado Springs, Colorado. July 2014.

**Blaschke, J.D.** 2014. *Ancestral state reconstruction as a new method for identifying baramins of parasites and pathogens*. Origins. Colorado Springs, Colorado. July 2014.

**Blaschke, J.D.** 2014. *Molecular systematics of the Phasiinae (Diptera: Tachinidae)*. Entomological Society of America, Southeastern Branch Meeting. Greenville, SC. March 2014.

**Blaschke, J.D.** 2011. *The Hebrew taxonomy of living things*. Origins. Rapid City, South Dakota. July 2011.

### **Grants and Awards**

Biology Faculty Researcher of the Year, \$200. 2022. TriBeta, Union University, Jackson, TN.

Carla D. Sanderson Faculty of the Year Award. 2021. Union University, Jackson, TN.

Newell Innovative Teaching Award, \$500. 2021. *From Proposal to Publication: Implementing a Graduate Level Research Experience in an Undergraduate Course*. Union University, Jackson, TN.

Pew Research Grant, \$4,500. 2019. *Using Theology and Science to Explore the Origin and Diversification of Parasites*. Union University, Jackson, TN.

Biology Faculty Researcher of the Year, \$200. 2019. TriBeta, Union University, Jackson, TN.

Teaching and Learning Grant, \$1000. 2018. Union University, Jackson, TN.

Newell Innovative Teaching Award, \$500. 2017. *Bugs, Books, and Beauty: Using Invertebrate Zoology to Train Future Community Scientists*. Union University, Jackson, TN.

Biology Faculty Researcher of the Year, \$200. 2017. TriBeta, Union University, Jackson, TN.

Pew Research Grant, \$4,500. 2016. *Tapeworms in Eden: Exploring Christian Thought, Scientific Tradition, and Modern Phylogenetics on the Origin of Parasitism*. Union University, Jackson, TN.

Professional Development Grant, \$750. 2016–2021. Union University, Jackson, TN.

Independent Research Grant, \$2,290. 2013–2015. *Biodiversity of Tachinid Parasitoids in Great Smoky Mountains National Park*. Discover Life in America, Gatlinburg, TN.

Chancellor's Distinguished Graduate Fellows Program Award, \$4,500. 2013–2014. University of Tennessee, Knoxville, TN.

National Science Foundation Graduate Research Fellowship, Honorable Mention. 2013. National Science Foundation, Alexandria, VA.

### **Undergraduate Research Grants**

Dong, K., M. Walker, and J.D. Blaschke. 2022. \$1000. *The Diversification of Cricket-Assassin Wasps (Vespoidea: Rhopalosomatidae)*. Union University, Jackson, TN.

- Scott, B., C. Truitt, and J.D. Blaschke. 2022. \$1000. *Multi-locus molecular phylogeny of the cricket-assassin wasps (Hymenoptera: Rhopalosomatidae)*. Union University, Jackson, TN.
- Wheeler S. 2022. \$3000. *Examining between-clade incongruence within Vespoidea using Cytochrome Oxidase I*. Core Academy of Science, Dayton, TN.
- Lewis, N. and J.D. Blaschke. 2021. \$1000. *Extraction of degraded genomes from cricket assassin wasps (Rhopalosomatidae) using non-destructive enzymatic techniques*. Union University, Jackson, TN.
- Johnson, C. and B. Krebs. 2020. \$900. *Molecular phylogenetics of the cricket-assassin wasps (Hymenoptera: Rhopalosomatidae)*. Beta Beta Beta Biological Society, Florence, AL.
- Krebs, B., C. Johnson, and J.D. Blaschke. 2020. \$1000. *Molecular phylogenetics of the cricket-assassin wasps (Hymenoptera: Rhopalosomatidae)*. Union University, Jackson, TN.
- Rhodes, A., M. Wentley, and J.D. Blaschke. 2019. \$4000. *Origins and diversification of parasitism within the Platyhelminthes*. Answer in Genesis Research Department, Petersburg, KY.
- Lewelling, T. and J.D. Blaschke. 2019. \$610. *Examining the antibacterial surface properties of Blue Dasher (Pachydiplax longipennis) and Eastern Amberwing (Perithemis tenera) dragonfly wings against Escherichia coli and Staphylococcus epidermidis*. Beta Beta Beta Biological Society, Florence, AL.
- Mullin, D. and J.D. Blaschke. 2019. \$2,260. *Investigating a cricket's worst nightmare: Description and baraminological analysis of a new species of parasitoid wasp (Hymenoptera: Rhopalosomatidae)*. Sanders Scholarship Fund, Core Academy of Science, Dayton, TN.
- Hamblen, C. and J.D. Blaschke. \$1,000. 2019. *The antibacterial surface properties of dragonfly wings*. Union University, Jackson, TN.
- Lemon, J. and J.D. Blaschke. \$660. 2018. *Antibiotic effects of hemolymph from immune challenged squash bugs (Anasa tristis) against Escherichia coli and Staphylococcus epidermidis*. Beta Beta Beta Biological Society, Florence, AL.
- Lemon, J. and J.D. Blaschke. \$1,000. 2018. *Antibiotic effects of hemolymph from immune challenged squash bugs (Anasa tristis) against Escherichia coli and Staphylococcus epidermidis*. Union University, Jackson, TN.
- Benefield, T. and J.D. Blaschke. \$1,000. 2017. *Discovery and identification of parasitoid wasps (Rhopalosomatidae) and their hosts (Gryllidae) from Cypress Grove Nature Park*. Union University, Jackson, TN.
- Bakeer, J. and J.D. Blaschke. \$1,000. 2016. *Detecting novel antibiotics from a parasitoid fly (Trichopoda pennipes)*. Union University, Jackson, TN.

### **Undergraduate Research Projects**

- Ngan Kim Dong and Megan Walker. 2024. *The Diversification of Cricket-Assassin Wasps (Vespoidea: Rhopalosomatidae)*. Union University, Jackson, TN.
- Emily Sadler. 2023. *The velvet ants (Hymenoptera: Mutillidae) of Cypress Grove Nature Park*. Union University, Jackson, TN.
- Kelsey Crowley. 2023. *Exploring spider wasp (Hymenoptera: Pompilidae) diversity in Cypress Grove Nature Park*. Union University, Jackson, TN.
- Emerie Landers. 2023. *Using DNA Barcoding to Identify High Priority Taxa (Hymenoptera: Ichneumonidae) in Great Smoky Mountains National Park*. Union University, Jackson, TN.

- Ben Scott and Collette Truitt. 2022 *Molecular phylogenetics of the cricket-assassin wasps (Hymenoptera: Rhopalosomatidae)*. Union University, Jackson, TN.
- Sean Wheeler. 2022. *Examining between-clade incongruence within Vespoidea using Cytochrome Oxidase I*. Union University, Jackson, TN.
- Allison Winkler. 2022. *Biodiversity of hover flies (Syrphidae) at Cypress Grove Nature Park*. Union University, Jackson, TN.
- Charis Murrey. 2021. *Morphometrics of the cricket-assassin wasp: Rhopalosoma nearcticum (Hymenoptera: Rhopalosomatidae)*. Union University, Jackson, TN.
- Preston Buck. 2021. *Using Moericke pan traps to sample the biodiversity of Ichneumonidae (Hymenoptera)*. Union University, Jackson, TN.
- Hannah Juliussen. 2021. *Diversity and seasonal abundance of ichneumonid parasitoids at Cypress Grove Nature Park*. Union University, Jackson, TN.
- Nick Lewis. 2021. *DNA barcoding of parasitoid flies from Great Smoky Mountains National Park*. Union University, Jackson, TN.
- Christopher Johnson and Bailey Krebs. 2020. *Molecular phylogenetics of the cricket-assassin wasps (Hymenoptera: Rhopalosomatidae)*. Union University, Jackson, TN.
- Darius Mullin. 2020. *Identifying a new species of Rhopalosoma wasp from Cypress Grove Nature Park*. Union University, Jackson, TN.
- Alexis Enriquez-Jones. 2020. *Innate color preference and learning in the blue bottle fly (Calliphora vicina)*. Union University, Jackson, TN.
- Claire Hamblen. 2020. *Cicada wings as a biocidal surface*. Union University, Jackson, TN.
- Edward Sickle. 2019. *The first recorded host for the assassin fly (Xanthomelanodes atripennis) and a phylogenetic analysis of the genus*. Union University, Jackson, TN.
- Taylor Lewelling. 2019. *Examining the antibacterial surface properties of blue dasher (Pachydiplax longipennis) dragonfly wings*. Union University, Jackson, TN.
- Deryn St. James. 2019. *Measuring the melanization cascade in infected tobacco hornworms (Manduca sexta)*. Union University, Jackson, TN.
- Hannah Shea. 2019. *Antibiotic effects of immunized Manduca sexta hemolymph on Gram positive bacteria*. Union University, Jackson, TN.
- Jacob Lemon. 2019. *Differential immune response in parasitized and non-parasitized squash bugs (Anasa tristis)*. Union University, Jackson, TN.
- Lance Miller. 2019. *A new host record and evidence of cryptic species in Nearctic Rhopalosoma*. Union University, Jackson, TN.
- Madeline Smith. 2018. *Antibacterial effects of assassin bug venom on Escherichia coli*. Union University, Jackson, TN.
- Sarah Lounsbury. 2018. *Life history notes on the rare ectoparasitoid wasp Rhopalosoma nearcticum*. Union University, Jackson, TN.

- Sawyer Duffey. 2018. *The immune response of the tobacco hornworm (Manduca sexta) and its effect on bacterial growth*. Union University, Jackson, TN.
- Tori Benefield. 2018. *Discovery and identification of parasitoid Wasps (Rhopalosomatidae) and their Hosts (Gryllidae) from Cypress Grove Nature Park*. Union University, Jackson, TN.
- Erin Noel. 2017. *Using DNA barcoding to accurately identify species of the parasitoid fly Cylindromyia*. Union University, Jackson, TN.
- Jacob Whitney. 2017. *Antibacterial assays using secretions of black soldier fly larvae (Hermetia illucens)*. Union University, Jackson, TN.
- Joey Bakeer. 2017. *Antibiotic effects of hemolymph from parasitized and immune challenged green stink bugs (Chinavia hilaris)*. Union University, Jackson, TN.
- Kaitlyn Inman. 2017. *Detection of antibacterial properties in secretions of blowfly Lucilia sericata*. Union University, Jackson, TN.
- Katherine Caid. 2017. *Determining cryptic species diversity in feather-footed flies (Trichopoda spp.)*. Union University, Jackson, TN.

### **Courses Taught at Union University**

BIO 210/210-L: Zoology/Zoology Lab

BIO 301/301-L: Invertebrate Zoology/ Invertebrate Zoology Lab

BIO 355: Environmental Ethics

BIO 295: Parasites, God, and the Problem of Evil

BIO 397: Special Topics in Cell and Molecular Biology: Phylogenetics, Evolution, and Speciation

BIO 425: Introduction to Research

BIO 498: Biology Seminar

BIO 305: Conservation Techniques

BIO 360: Plant-Insect Interactions