

# Conor G. Fair, PhD

Postdoctoral Research Associate  
Department of Entomology  
University of Georgia

320 Biological Sciences Building  
120 Cedar Street  
Athens, GA 30602  
[Cfair13@uga.edu](mailto:Cfair13@uga.edu)  
<http://conorfair.github.io>

## EDUCATION, RESEARCH, AND TRAINING

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- 2022-Pres: **Postdoctoral Research Associate**, Dept. of Entomology, University of Georgia, Athens, GA  
PI: Kris Braman
- 2021 **Ph.D.**, Entomology, University of Georgia, Athens, GA  
Advisors: Joseph McHugh, and Michael Ulyshen  
Dissertation Title: The effects of fire spatial characteristics on pollinators with a focus on prescribed fires in the Southeastern United States
- 2015 **M.S.**, Entomology, University of Georgia, Athens, GA  
Advisor: Kris Braman  
Thesis Title: Evaluation of integrated pest management tools used to control squash bugs, *Anasa tristis*, (Hemiptera: Coreidae) in squash
- 2013 **B.A.** in Biology, Simpson College, Indianola, IA, *Magna Cum Laude*

## REVIEWED PUBLICATIONS

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5. Braman SK, Pennisi B, **Fair CG**, Quick JC. 2022 Pollinator cultivar choice: an assessment of season-long pollinator visitation among Coreopsis, Aster, and Salvia cultivars. *Frontiers in Sustainable Cities* DOI: 10.3389/frsc.2022.988966
4. Ulyshen MD, Hiers JK, Pokswinski SM, and **Fair CG** 2022. Pyrodiversity promotes pollinator diversity in a fire-adapted landscape. *Frontiers in Ecology and the Environment* 20: 78-83
3. **Fair CG**, Braman SK 2019. Predation of *Anasa tristis* (Hemiptera: Coreidae) by *Geocoris punctipes* (Hemiptera: Geocoridae). *Journal of Entomological Science* 54: 87-92
2. Bush BM, Ulyshen MD, **Fair CG**, and Batzer DP 2018. Assessing the effects of mesh enclosures on invertebrates and litter breakdown in a floodplain forest of the Southeastern USA. *Wetlands Ecology and Management* DOI: <https://doi.org/10.1007/s11273-018-9648-1>
1. **Fair CG**, Braman SK 2017. Assessment of habitat modification and varied planting dates to enhance potential natural enemies of *Anasa tristis* (Hemiptera: Coreidae) in squash. *Environmental Entomology* **46**: 291-298

## INVITED PRESENTATIONS

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- 2018 **Fair, CG**, Ulyshen MD, Pokswinski SM, and Hiers JK. Impacts of large prescribed burns on pollinators in the longleaf pine ecosystem. National Meeting of the Entomological Society of America, Vancouver, British Colombia. {Oral Presentation}

## ACADEMIC PRESENTATIONS

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- 2022 **Fair CG**, Braman SK. What leads to changes in the intention to commit to pollinator conservation behaviors? Protecting Pollinators in Ornamental Landscapes, Athens GA {Poster Presentation}
- 2020 **Fair CG**, Ulyshen MD, Pokswinski SM, and Hiers JK. Effects of large-scale prescribed burns on pollinator communities in the Southeastern United States. Joint Eastern and Southeastern Branch of the Entomological Society of America, Atlanta GA. {Poster Presentation} – Conference cancelled due to COVID-19
- 2019 **Fair, CG**, Ulyshen MD, Pokswinski SM, and Hiers JK. Effects of large-scale prescribed burns on pollinator communities in the Southeastern United States. Southeastern Branch of the Entomological Society of America, Mobile AL. {Poster Presentation}

- 2018 **Fair CG**, Horn S, McHugh JV, and Ulyshen MD. Investigating the effects of Prescribed Burn Size on Pollinator Communities in the Piedmont National Wildlife Refuge. Georgia Entomological Society, Hellen, GA. {Poster Presentation}
- 2018 **Fair CG**, Horn S, Ulyshen MD. The Effects of Distance from Fire Free Refugia on Pollinator Communities in Loblolly Pine Forests. Southeastern Branch of the Entomological Society of America, Orlando FL. {Oral Presentation}
- 2016 **Fair CG**, Horn S, McHugh JV, and Ulyshen MD. Impacts of Prescribed Fires on Forest Pollinator Communities: Implications for Burn Size. International Congress of Entomology, Orlando FL. {Poster Presentation}
- 2015 **Fair CG**, Braman SK. Integrated pest management methods used to increase abundance of natural enemies of squash bugs *Anasa tristis* (DeGeer) (Hemiptera: Coreidae) in squash. National Meeting of the Entomological Society of America, Minneapolis MN. {Oral Presentation}
- 2015 **Fair CG**, Braman SK. Influence of planting date and floral resources on squash bugs, *Anasa tristis* (DeGeer). Georgia Entomological Society, Jekyll Island, GA. {Poster Presentation}
- 2015 **Fair CG**, Braman SK. Influence of planting date and floral resources on squash bugs. Southeastern Branch of the Entomological Society of America, Biloxi MS. {Oral Presentation}
- 2013 **Fair CG**, Krejsa DM, Gochenour BK, and Meyer CK. Comparing macroinvertebrate assemblages in Iowa headwater streams that differ in severity of agricultural impacts. Iowa Academy of Science, Indianola, IA. {Oral Presentation}
- 2012 **Fair CG**, Sword G, Ek-Ramos MJ, Heinz K. Can fungal endophytes be used to control ornamental insect pests? Entomological Society of American Entomology 2012, Knoxville TN. {Oral Presentation}

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#### COLLABORATOR AND STUDENT PRESENTATIONS \*Presenting Author, †Mentored Student, ‡Undergraduate Author

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- 2022 \*Braman SK, Pennisi B, **Fair CG**, Quick JC. Pollinator cultivar choice: an assessment of season-long pollinator visitation among *Coreopsis*, *Aster*, and *Salvia* cultivars. Protecting Pollinators in Ornamental Landscapes, Athens GA {Poster Presentation}
- 2022 \*†Lauterbach A, **Fair CG**, †Edelkind M, Braman SK. A comparative study of bee genus diversity and abundance in urban agriculture sites versus urban ornamental sites in Athens, GA. UGA CURO Conference {Oral Presentation}
- 2021 \*Ulyshen MD, Hiers JK, Pokswinski SM, Wilson AC, Ohlson GC, **Fair CG**. Effects of prescribed fire and forest age on pollinator diversity in the longleaf pine ecosystem. North American Forest Insect Work Conference {Oral Presentation}
- 2015 †Reeves S., **Fair CG.**, Braman SK. Does farmscaping and planting date lower squash bug populations in squash? Young Scholar Presentation, Griffin GA. {Poster Presentation}

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#### TEACHING EXPERIENCE

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- **Advanced Quantitative Analysis** (University of Georgia, ENTO 8900) – *Instructor of Record*  
Instruct graduate students learn about R statistical software, coding language, data visualization, statistical analysis, and experimental design using classical lectures, active learning tools, and small group discussions. Modified course to allow for optional virtual enrollment/attendance for non-traditional students and auditors.
  - Fall 2022 – 1 section, 12 students
- **Insects and the Environment** (University of Georgia, ENTO 2010E) – *Co-Instructor of Record*  
Created new online synchronous large-enrollment course introducing basic entomology concepts to undergraduate non-major students. We used classical lectures, active learning tools, and group projects to meet learning objectives. Co-taught with Postdoctoral Fellow Amanda Meier.
  - Fall 2020 – 1 section, 90 students
  - Spring 2021 – 1 section, 98 students
- **Insects and the Environment** (University of Georgia, ENTO 2010) – *Lecture TA*

Collaborated with faculty to develop and grade student assessments (quizzes and exams). Organized transition of lectures and assessments to online instruction during COVID-19 pandemic.

- Spring 2020 – 2 sections, 201 students
- **Principles of Biology Lab II** (University of Georgia, BIOL 1108) – *Laboratory TA*  
Prepared lectures, writing assignments, and exams testing critical thinking skills involving organismal diversity and basic ecology. Guided students through inquiry-based labs, field investigations, and group research projects. Developed teaching modules to teach basic statistics to help student research projects.
  - Spring 2019 – 2 sections, 48 students
  - Spring 2014 – 2 sections, 48 students
  - Fall 2013 – 2 sections, 48 students
- **Insect Taxonomy** (University of Georgia, ENTO 8010) – *Laboratory TA*  
Prepared lectures and lab practical exams for graduate-level course. Collaborated with faculty instructor to improve and update course content and design to reflect current literature and managed field trips to collect specimens.
  - Fall 2019 – 1 section, 11 students
  - Fall 2018 – 1 section, 17 students
- **General Entomology** (Simpson College, BIOL 245) – *Laboratory TA*  
Aided students in learning laboratory and field skills. Organized lab materials for lectures and field trips. Facilitated peer study sessions and assisted in grading lecture and lab materials.
  - Fall 2012 – 1 section, 20 students
- **Principles of Ecology** (Simpson College, BIOL 253) – *Laboratory TA*  
Aided students in learning laboratory and field skills. Organized lab materials for lectures and field trips. Facilitated peer study sessions and assisted in grading lecture and lab materials.
  - Fall 2011 – 1 section, 18 students

## GUEST LECTURES

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### 2020

- Diptera and Hymenoptera Biodiversity
  - Insects and the Environment (ENTO 2010), University of Georgia, Department of Entomology

### 2019

- Hymenoptera Anatomy, Morphology, and Classification
  - Insect Taxonomy (ENTO 8010), University of Georgia, Department of Entomology

### 2018

- Hymenoptera Anatomy, Morphology, and Classification
  - Insect Taxonomy (ENTO 8010), University of Georgia, Department of Entomology

## STUDENTS MENTORED – (THEIR CURRENT POSITION)

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- Abigail Lauterbach (current student)
- Sara Reeves (Ag Education – High School Teacher)
- Elizabeth Tepe (RN at Emory Hospital)

## OUTREACH AND EXTENSION

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Sep. 2022	<b>Insectival – University of Georgia</b>
Mar. 2022	<b>Green County Primary School Native Pollinator Outreach – University of Georgia</b>
Jan. 2022	<b>UGA Extension Pollinator and Beneficial Insect Course – University of Georgia</b>
Jan. 2020	<b>UGA CAES Orientation 2.0 – H.O. Lund Club</b>
Oct. 2019	<b>UGA Cattlemen Assoc. Halloween Havoc – H.O. Lund Club</b>
Sep. 2019	<b>Insectival – H.O. Lund Club</b>

May 2018      **Pollinator Outreach Presentation – University of Georgia**  
Jul. 2013      **Outreach & Extension Coordinator – DOW Chemical**

### **UNIVERSITY AND PROFESSIONAL SERVICE**

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Oct. 2022      Bee Identification Workshop, Protecting Pollinators in Urban Landscapes, Athens GA  
Mar. 2020      Organized symposium titled, “Getting there from here: paths less traveled to, through, and beyond graduate studies”, Joint Eastern and SE Branch of ESA – Cancelled due to COVID-19  
2019 – 2020      Chair of Student Affairs Committee, SE Branch of ESA  
Mar. 2019      Organized symposium on mosquito biology, SE Branch of ESA, Mobile AL  
2018 – 2019      Student Representative for the Student Affairs Committee, SE Branch of ESA  
Mar. 2018      Organized symposium on pollinator management, SE Branch of ESA, Orlando FL  
2017 – 2018      Treasurer of the H.O. Lund Club, University of Georgia, Department of Entomology  
2015 – 2016      President of the H.O. Lund Club, University of Georgia, Department of Entomology  
2014 – 2015      Vice President of the H.O. Lund Club, University of Georgia, Department of Entomology

### **HONORS AND AWARDS**

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2019      Herbert H. Ross Memorial Scholarship, University of Georgia, Athens, Ga  
2019      Sparks Outstanding PhD. Student Achievement in Outreach, University of Georgia  
2019      Outstanding Teaching Assistant Award, University of Georgia  
2018      Outstanding PhD. Student, Georgia Entomological Society, Hellen, GA  
2018      U.E. Brady Award (1<sup>st</sup> Place in Poster Competition) Georgia Entomological Society, Hellen, GA  
2018      2<sup>nd</sup> place in the Linnaean games, Southeastern Branch of ESA, Orlando, FL  
2018      1<sup>st</sup> place in Student Poster Competition, Lund Week, Athens, GA  
2017      1<sup>st</sup> place in Three Minute Thesis Competition, Lund Week, Athens, GA  
2016      1<sup>st</sup> place in Student Poster Competition, International Congress of Entomology, Orlando, FL  
2013      Hiram Doty Research Award in Biology and Environmental Sciences, Simpson College  
2013      2<sup>nd</sup> place in Student Oral Competition Iowa Academy of Science, Indianola, IA  
2009      Boy Scouts of America: Eagle Scout Rank

### **PROFESSIONAL DEVELOPMENT**

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2022      Workshop: professional development – finding your purpose statement, Athens GA  
2017      American Museum of Natural History Bee Course, SW Research Station, Portal AZ

### **PROFESSIONAL MEMBERSHIPS**

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- Entomological Society of America
- Georgia Entomological Society
- Southeast Branch of ESA
- Beta Beta Beta Biological Honor Society

### **SKILLS**

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- Insect Curation and Identification
- Insect and Host Plant Rearing and Husbandry
- Anthophila and Papilionoidea Species Identification
- Field Sampling Methods for Terrestrial and Aquatic Invertebrates and Plants
- R for Statistics and Data Visualization
- Electronic Survey (e.g., Qualtrics) Methods
- Experienced using mixed modeling and multivariate analyses with community ecology data
- HTML Coding Language for Website Design
- ArcGIS for Map Creation and Spatial Statistics

## REFERENCES

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Kris Braman  
Professor, Dept. Chair  
Dept. of Entomology  
University of Georgia  
706-542-2816  
[kbraman@uga.edu](mailto:kbraman@uga.edu)

Joseph V. McHugh  
Professor  
Dept. of Entomology  
University of Georgia  
706-542-3574  
[mchugh@uga.edu](mailto:mchugh@uga.edu)

Patricia Moore  
Professor  
Dept. of Entomology  
University of Georgia  
706-542-0169  
[pjmoore@uga.edu](mailto:pjmoore@uga.edu)