

## C. Pinzone

*chpi3730@colorado.edu*

### Education

- 2014 Ph.D. in Evolutionary Genetics, University of Georgia, Athens GA, U.S.A.  
2010 M.S. in Biology, University of Central Florida, Orlando FL, U.S.A.  
2006 B.S. in Forensic Science, Long Island University, Brookville NY, U.S.A.

### Relevant Experience

- 2016 - present Lecturer, School of Continuing Education and Ecology and Evolutionary Biology Department, UCB
- \* Genetics lower-division: engaged in re-design of activities
  - \* Introductory Biology: taught five semesters in a hybrid flipped-format, developed all course materials, focus on accessibility
  - \* Evolution upper-division: taught four semesters, adopted student-centered and active-learning approaches
- 2017 - 2018 Science Teaching & Learning Postdoctoral Fellow, Ecology and Evolutionary Biology Department, University of Colorado Boulder, U.S.A. (UCB)
- \* Worked with faculty to transform course materials based on research-supported approaches and integrated technologies
  - \* Integrated two-stage quizzes and exams, upgraded feedback delay to just-in-time methods, activity and assessment development, designed and implemented a metacognitive intervention, performed COPUS observations, assisted in case study development, assisted faculty in data-driven instruction
  - \* Participated in Faculty Learning Communities on innovative teaching practices and educational research development
- 2010 - 2011 Graduate Teaching Assistant, Evolution course, Department of Genetics, University of Georgia (UGA)
- \* Facilitated three class-discussion recitation sections
  - \* Guest lectured on extinction/biodiversity to ~110 students
  - \* Assisted faculty in developing assessments
- 2009 - 2010 Instructor of Record, Introductory Molecular Biology Laboratory, Department of Biology, UGA
- \* Led inquiry-based labs under guidance of Dr. Kris Miller
  - \* Obtained training in research best practices of grading
  - \* Graded papers for Writing Intensive Curriculum Program
- 2007 - 2008 Graduate Teaching Assistant, Introduction to Biology (molecular and organismal), Department of Biology, University of Central Florida
- \* Co-taught three lab sections (48 students each), graded reports

## C. Pinzone

chpi3730@colorado.edu

### Publications and Press

- Pinzone, C.A.**, N. Emery, S. Flaxman, N. Barger, V. McKenzie, A. Paulson, S.L.M. Stowell, C. Avena, A.P. Martin. Modes of Thinking: In the context of a controversial topic. *Workshopped manuscript with CourseSource*.
- Hund, A., A. Churchill, A. Faist, C. Havrilla, H. McCreery, J. Ng, **C. Pinzone**, E. Scordato, S.L.M. Stowell. 2018. Transforming Mentorship in STEM by training scientists to be better leaders. *Ecology and Evolution*. 8:20 9962-9974.
- Oct 2018: Small Pond Science- Learning to be a better mentor and leader [bit.ly/2EEOGZA](http://bit.ly/2EEOGZA)  
Stowell, S.L., **C.A. Pinzone**, and A.P. Martin. 2017. Overcoming barriers to active interventions for genetic diversity. *Biodiversity and Conservation*. 26:8 1753-65.
- Feb 24, 2017: CU Independent- Benefits of a Flipped Classroom. [bit.ly/2mADhed](http://bit.ly/2mADhed)
- Pinzone, C.A.** and K.A. Dyer. 2013. Higher polyandry is associated with lower prevalence of sex-ratio drive in natural populations of *Drosophila neotestacea*. *Proc Roy Soc B* 280: 2013-1397.

### Grants, Fellowships, Honors and Awards

- Fall 2018 Co-PI, Course Transformation award, TRESTLE (Transforming Education, Stimulating Teaching and Learning Excellence), \$5,000.  
\* Course transformation of Science Education Graduate seminar
- Sum. 2018 Writing Studio Participant, *CourseSource* Workshop. Competitive selection of travel funds to Society for Advancement of Biology Education Research
- 2016-2017 Universal Design Fellowship, Office of Information Technology, UCB
- 2012-2014 Departmental Training Grant Trainee, NIH, Dept. of Genetics, UGA
- 2013 Doctoral Dissertation Improvement Grant, NSF, \$19,260.
- 2012 Outstanding Teaching Assistant Award, Senior VP & Provost, UGA  
\* Recognition of teaching excellence by advisor and student evaluations
- 2011 Rosemary Grant Award, Society for the Study of Evolution.

### Advising / Mentoring

- I have mentored two Honors students (Torrey Davis and Emily Fawcett) who completed their theses under my supervision, with one *magna cum laude*.
- I have led a total of seven Graduate Teaching Assistants in my role as instructor in courses, and three undergraduate Learning Assistants (LAs).
- I have also mentored five undergraduate research projects; two in educational research, three in biological research, and one student professionally as part of a formal multi-University mentoring network (PROGRESS, [bit.ly/2uFEd5U](http://bit.ly/2uFEd5U)).
- I guided a high school student to develop a science fair project in quantitative PCR.

## **C. Pinzone**

*chpi3730@colorado.edu*

### **Recent Presentations**

- 2018 "Transforming Mentorship in STEM by Training Scientists to be Better Leaders"  
Guild of Rocky Mountain Ecologists and Evolutionary Biologists, Nederland CO
- 2018 "Metacognitive activities integration in the classroom, from skills to content and expert thinking" Transforming Education, Stimulating Teaching and Learning Excellence (TRESTLE) Network National Meeting, University of Kansas
- 2018 "Training graduate student TA's to be effective educators" with Nichole Barger and Jenny Knight, TRESTLE Shared innovation discussion group (ShInDiG), UCB
- 2018 "Metacognitive activities integration in the classroom from skills to content and expert thinking" TRESTLE @ UCB Annual Meeting, UCB
- 2017 "Modes of thinking: Getting students to think about their thinking, in the context of a controversial topic" Discipline-Based Education Research Group, UCB
- 2017 "Making a Flipped, Active-Learning Based Course Accessible" Colorado Learning and Teaching with Technology Conference, UCB
- 2017 "Teaching Evolution and Biology to a Diversity of Learners: Accessibility and Inclusion" Society for the Study of Evolution Meeting, Portland OR
- 2017 "Making a Flipped, Active-Learning Based Course Accessible" Arts & Sciences Support of Education Through Technology, Teaching with Tech Symposium, UCB
- 2017 "What can you easily do to make your teaching more inclusive and accessible?" Center for STEM Learning Annual Symposium, UCB
- 2017, "Making a Flipped, Active-Learning Based Course More Accessible" Diverse Learners Awareness Week, Diversity and Inclusion Summit, UCB
- 2016, "Flipping an introductory Biology Course " TRESTLE ShInDiG, UCB

### **Service Activities**

- 2017-2018 Member, Curriculum Committee. Ecology & Evolutionary Biology (EBIO) UCB
- 2018 "Tech or Treat" Teaching with Technology Workshop. Lunch and Learn for Graduate Students, Postdocs and Faculty in the EBIO department
- Peer-Reviewer, PLOS One and Heredity Journals
- Teaching with Technology guide creation
- "Practical Course Design" Workshop. Graduate Students, Postdocs and Faculty from educational research labs in two departments
- "Transforming Mentorship & Cultivating Positive Mentoring Relationships" Presentation for first-year Graduate Students in EBIO
- 2017 "How to Flip a Class" Workshop for Graduate Students in three departments
- Panelist, 'Alternative Careers in Academia', pedagogy seminar run by the Graduate Teacher Program, UCB
- Peer-Reviewer for PLOS One Journal (Open-Access)
- 2016 Volunteer, Controversial Topics Workshop for STEM Teachers in Colorado

## **C. Pinzone**

*chpi3730@colorado.edu*

### **Service Activities (continued)**

2013	Travel award panelist, Genetics Graduate Student Association, UGA
2011-12	Treasurer, Genetics Graduate Student Association, UGA
2009-13	Judge, Georgia State-wide Science and Engineering Fair, JHS/HS
2008-09	President, Biology Graduate Student Association, UCF
2008-09	Treasurer, American Association of University Women, UCF
2007-08	Faculty Liaison, Biology Graduate Student Association, UCF

### **Relevant Professional Development**

2018-19	Scholar, Cohort 2 BioTAP Scholars Program (NSF-1539903), Educational Research Incubator. To develop, implement and report on biology graduate teaching assistant teacher professional development research projects.
2018-19	Faculty Fellow, Arts & Sciences Support of Education Through Technology (ASSETT). Fellows serve as mentors, leaders, and liaisons to promote and continuous improvement of the undergraduate learning experience.
Fall 2018	Participant, Curriculum Alignment Working Group, ASSETT & TRESTLE, UCB
Sum. 2017	Departmental Education Specialist Training, Dr. Carl Wieman, Stanford Univ. * Six-day intensive workshop, training in research-best practices and reviewed literature in Teaching and Learning
Spring 17	TRESTLE Scholar, Faculty Learning Community on Metacognition, UCB
Spring 17	Participant, Special Interest Group: Critical Thinking, ASSETT UCB
Spring 17	Participant, Creating Effective Learning Communities, Center for the Integration of Research, Teaching, & Learning (CIRTL) Network
Fall 2016	TRESTLE Scholar, Faculty Learning Community on Activity Design, UCB
Sum. 2016	Attendee, Flipped Classroom Workshop, ASSETT, UCB
Spring 16	Participant, How to assess active learning experiences, CIRTL
Sum. 2014	Attendee, Science Education Initiative (SEI) Teaching Retreat, UCB
2013 -2014	Participant, Seeking Educational Equity and Diversity, Franklin College, UGA
Sum. 2012	Attendee, Entering Mentoring Workshop, by HHMI, UGA
Fall 2009	Writing Intensive Program/Across Curriculum Training Course, UGA

### **Professional Memberships**

Society for the Study of Evolution  
National Science Teachers Association  
Society for the Advancement of Biological Research