

## CURRICULUM VITAE

### Brian D. Cowell

#### Address

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**Date of Birth:** October, 3, 1983

**Nationality:** American

**Citizenship:** USA

#### Education

Ph.D., Entomology, in progress—University of Arkansas, Fayetteville, AR  
(research in Entomology)  
M.S., natural and applied science, May, 2011—Missouri State University, Springfield, MO  
(research in Entomology)  
B.S., Biology, May, 2008—College of the Ozarks, Point Lookout, MO (research  
in Genetics)  
A.A, 2005—St. Charles community college, St. Charles, MO

#### Professional Experience

Graduate Lab Assistant, UofA, Fayetteville. Summer 2011- Current  
Graduate Lab Assistant, MSU, Mountain Grove. Summer 2009- winter 2010  
Biology Student Worker; College of the Ozarks. Fall 2007 to Spring 2008.

#### Field Experience

Lab and Field research in Entomology, Summer 2009- Current  
Lab and Field research in Genetics, Spring 2007- Fall 2008

#### Clubs

Phi Theta Kappa (honor society) ————— St. Charles community college  
Biology club ————— College of the Ozarks  
Wilderness Activities club ————— College of the Ozarks  
Chemistry club ————— College of the Ozarks  
The Entomological Society of America (ESA) — Missouri State University  
Outdoor activities club ————— Missouri State University  
Iseley-Baerg Entomology Club ————— University of Arkansas

#### Certificates

Boating license  
Scuba license  
CPR and First aid certified  
Pilots license (in progress)

**Publications**

1. Durden, K., Sellars, S., Cowell, B., Brown, J.J. and Pszczolkowski, M.A. (2011) *Artemisia annua* extracts, artemisinin and 1,8 - cineole prevent fruit infestation by major, cosmopolitan pest of apples. *Pharmaceutical Biology* 49(6):563-8.
2. Durden, K., Sellars, S., Cowell, B., & Pszczolkowski, M., (2009) Effects of extracts from *Artemisia absinthium* on fruit infestation by codling moth neonates. Abstracts of The 2009 ESA Annual Meeting, Indianapolis, IN, December, 13-16.
3. Reut, M., Cowell, B., & Pszczolkowski, M., (2010) Traps Baited with Isopropanol Attract the American carrion Beetle, *Necrophila Americana* (L.) (Coleoptera: Silphidae), the *Coleoptera Bulletin* 64 (3). 230-234.

**Presentations**

1. Cowell, B., Reut, M., Snodgrass, L., Johnson, D. T., Czokajlo, D., Lewis, B., & Pszczolkowski, M., (2010) Prospects of isopropanol use in controlling green June beetle, *Cotinis nitida*. (poster)
2. Sellars, S., Durden, K., Cowell, B., Brown, J., & Pszczolkowski, M., (2010) *Artemisia annua* extracts, artemisinin and 1,8-cineole prevent apple feeding by codling moth neonates. (poster)
3. Pszczolkowski, M., Durden, K., Sellars, S., Cowell, B., & Brown, J., (2010) Codling moth feeding deterrents from *Ginkgo biloba*. (Oral presentation)
4. Cowell, B., Johnson, D. T., Lewis, B., & Pszczolkowski, M., (2010) Inexpensive trap for monitoring green June beetle, *Cotinis nitida* (Oral presentation)
5. Reut, M., Cowell, B., & Pszczolkowski, M., (2010) Traps baited with isopropanol attract the American carrion beetle, *Necrophila americana* (L.) (Coleoptera: Silphidae) (poster)
6. Durden, K., Sellars, S., Cowell, B., & Pszczolkowski, M., (2009) Effects of extracts from *Artemisia absinthium* on fruit infestation by codling moth neonates. 2009 ESA Annual Meeting, Indianapolis, IN, December, 13-16. (Oral presentation)
7. Cowell, B. & Miller, S., (2008) Effects of Pleistocene glaciation on genetic relationships of *Gammarus pseudolimnaeus*. 2008 Annual research poster presentations, College of the Ozarks, Point Lookout, MO, April 2008. (poster)
8. Cowell, B. & Miller, S., (2008) Effects of Pleistocene glaciation on genetic relationships of *Gammarus pseudolimnaeus*. 2008 Annual missouri academy of science meeting, St. Joseph, MO, April 2008. (Oral presentation)
9. Cowell, B., (2007) Effects of Pleistocene glaciation on genetic relationships of *Gammarus pseudolimnaeus* (proposal). Annual departmental research proposal presentations, College of the Ozarks, Point Lookout, MO, April 2007. (Oral presentation)
10. Cowell, B., Forgey, R., & Mader A. (2006) The Finley River Phosphate Levels. Annual Chemistry poster presentations, College of the Ozarks, Point Lookout, MO, April 2006.

**Awards, Grants and Honors**

1. Graduated with Associates degree with honors
2. Member of Phi Theta Kappa
3. Pfizer's Lab Assistants Award (2008) College of the Ozarks, Point Lookout, MO
4. 3<sup>rd</sup> place award, 2008 Missouri academy of science for research.
5. Graduate Research Assistantship, 2009-2010, tuition, housing, fees and stipends totaling approximately \$30,000.
6. Graduate Research Assistantship, 2011-2015

**References**

Dr. Frank Einhellig, Dean of the Graduate College, Professor of Biology, Missouri State University, 901 S. National, Springfield, MO 65897 (417) 836-5335 fae942f@missouristate.edu

Dr. Maciej Pszczolkowski, Integrated Pest Management, Associate Research Professor, 9740 Red Spring Road, Mountain Grove, MO 65711 (417) 547-7507 MPszczolkowski@missouristate.edu

Dr. Martin Kaps, Pomology, Graduate Program Coordinator, Professor of Agriculture, Missouri State University, 9740 Red Spring Road, Mountain Grove, MO 65711 (417) 547-7503  
MartinKaps@MissouriState.edu

Dr. Anson Elliott, Professor and Head of Agriculture Department, Missouri State University, 9740 Red Spring Road, Mountain Grove, MO 65711 (417) 547-7501 AnsonElliott@missouristate.edu