Welcome to the 21st Century Library: A Guide to Embedding Library Resources

Amy Gustavson, MLS
agustavson@cccc.edu
(919) 718-7435

Fall 2014
Schedule

1. Welcome!

2. Find & Embed:
   - Articles
   - eBooks
   - eVideos
   - Library Research Guides

3. Closing
## Tools Overview

<table>
<thead>
<tr>
<th>Item to Embed</th>
<th>Search Tool (w/ link)</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Guide</td>
<td><a href="#">Research Guides</a></td>
<td>58 Class Guides</td>
</tr>
<tr>
<td>Articles (Online)</td>
<td><a href="#">Integrated Search: Subject Search</a></td>
<td>1 Million+ Articles</td>
</tr>
<tr>
<td>eBooks</td>
<td><a href="#">Integrated Search: Search by Type</a></td>
<td>80,000 eBooks</td>
</tr>
<tr>
<td>eVideos</td>
<td><a href="#">Films on Demand</a></td>
<td>500+ eVideos</td>
</tr>
</tbody>
</table>
#1 - Embedding Articles
Find Articles

http://www.cccc.edu/library/

Integrated Search: Subject Search

Integrated Search: Subject Search provides access to peer-reviewed articles, popular magazines, newspapers, eVideos, eBooks, and print books in one search! Narrow your search by clicking on a subject category below. Click on Peer Reviewed if you need scholarly or academic articles. Your results may include online and print resources.

Need a password? Call us at 919-718-7244.

1) Use these search options to find full-text, peer-reviewed articles.
2) Search all subjects or a specific subject area.

Limit Your Results

Full Text

Peer Reviewed

Select / Deselect all

- Books & Literature
- Business & Management
- Consumer Health
- Current & Social Issues
- Early Childhood & Education
- Government & Law
- History & Biography
- Nursing & Allied Health
- Philosophy & Religion
- Psychology & Social Science
- Science & Technology
- Southern Culture
- Veterinary Medicine
- History & Biography
1. Species-specific ant brain manipulation by a specialized fungal parasite.


Background: A compelling demonstration of adaptation by natural selection is the ability of parasites to manipulate host behavior. One dramatic example involves fungal species from the genus Ophiocordyceps.

Subjects: ANTS; MANIPULATIVE behavior; PARASITES; METABOLICOMICS; HOST specificity (Biology)

2. Molecular phylogenies reveal host-specific divergence of Ophiocordyceps unilateralis sensu lato following its host ants.


Ophiocordyceps unilateralis (Hyphochytriaceae, Ascomycota) is an entomopathogenic fungus specific to formicine ants (Formicidae, Hymenoptera). Previous works have shown that the carpenter ant Camponotus...

Subjects: PHYLOGENY; RESEARCH; DIVERGENCE (Biology); ENZYMOPATHOGENIC fungi; ANTS; ELONGATION factors (Proteins); TUBULINS

3. Ant Interactions with Soil Organisms and Associated Semicomchemicals.


This review focuses on the semiochemical interactions between ants and their soil environment. Ants occupy virtually every ecological niche and have evolved mechanisms to not just cope with, but...
Species-specific ant brain manipulation by a specialized fungal parasite.

Authors: de Beekker, Chassiaa \(^1\) c.debeekker@gusu.edu
          Gervilhon, Laurent \(^2\) leg107@gusu.edu
          Smith, Philip G. \(^*\) leg107@gusu.edu
          Fleming, Kimberly \(^*\) authorities@gusu.edu
          Ghosh, Dinesh \(^*\) ghosh@gusu.edu
          Patterson, Andrew \(^*\) ap117@gusu.edu
          Hughes, David P \(^*\) dwhughes@gusu.edu


Document Type: Arts

Subject Terms: *ANTS*  *MANIPULATIVE behavior*  *PARASITES*  *METABOLICOMICS*  *HOST specificity (Biology)*

Author-Supplied Keywords: Behavioral manipulation  Host specificity  Metabolomics  Ophiocordycps unilateralis  Scienzka

Abstract: Background A compelling demonstration of adaptation by natural selection is the ability of parasites to manipulate host behavior. One dramatic example involves fungal species from the genus Ophiocordycps that control their ant hosts by inducing a biting behavior. Intensive sampling across the globe of ants that die after being manipulated by Ophiocordycps suggests that this phenomenon is highly species specific. We advance our understanding of this system by reconstituting host manipulation by Ophiocordycps parasitoids under controlled laboratory conditions and combining this with field observations of infection rates and a metabolomics survey. Results We report on a newly discovered species of Ophiocordycps unilateralis, an isolate from North America that we use to address the species specificity of Ophiocordycps-induced manipulation of ant behavior. We show that the fungus can kill all ant species tested, but only manipulates the behavior of those it infects in nature. To investigate if this could be explained at the molecular level, we used an in vivo culturing assay to measure the metabolites that are secreted by the fungus to mediate fungus-host interactions. We show the fungus reads heterogeneously to brains of different ant species by secreting a different array of metabolites. By determining which ion peaks are significantly enriched when the fungus is grown alongside brains of its naturally occurring host, we discovered candidate compounds that could be involved in behavioral manipulation by O. unilateralis.1. Two of these candidates are known to be involved in neurological diseases and cancer. Conclusions: The integrative approach presented here shows that ant brain manipulations by O. unilateralis is species specific seemingly because the fungus produces a specific array of compounds as a reaction to the presence of the host brain tissue evolved to manipulate. These studies have resulted in the discovery of candidate compounds involved in establishing behavioral manipulation by this specialized fungus and therefore represent a major advancement towards an understanding of the molecular mechanisms underlying this phenomenon. ABSTRACT FROM AUTHOR
Article Permalink

Species specific ant brain manipulation by a specialized fungal parasite.

Authors: de Bekker, Christia | de Bekker@psu.edu

Keywords: Ants, Manipulative behavior, Host specificity, Metabonomics, Ophiocordyceps unilateralis, Speciose

Abstract: Background: A compelling demonstration of adaptation by natural selection is the ability of parasites to manipulate host behavior. One dramatic example involves fungal species from the genus Ophiocordyceps that control their ant hosts by inducing a biting behavior. Intensive sampling across the globe of ants that die after being manipulated by Ophiocordyceps suggests that this phenomenon is highly species-specific. We advance our understanding of this system by reconstructing host manipulation by Ophiocordyceps parasites under controlled laboratory conditions and correlating this with field observations of infection rates and a metabonomics survey. Results: We report on a newly discovered species of Ophiocordyceps unilateralis sensu lato from North America that we use to address the species-specificity of Ophiocordyceps-induced manipulation of ant behavior. We show that the fungus can kill all ant species tested, but only manipulates the behavior of...
#2 - Embedding eBooks
Find eBooks

Integrated Search: Search by Type

Integrated Search: Search by Type provides access to online and print resources narrowed by format. Narrow your search by clicking on a format category below. Quick Search finds resources from 8 main research databases and the library catalog. Search All Databases searches all 52 databases and the library catalog. Note: Search all Databases will take longer to retrieve search results.

Limit Your Results

- Full Text
- Peer Reviewed

Select / Deselect all

- eBooks & Encyclopedias
- Images & Art
- Journals, Magazines, & Newspapers
- Library Catalog (All Campuses)
- Video & Audio Resources
eBook Results
eBook Record

How to Be an Effective Teacher in Higher Education: Answers to Lecturers' Questions

Authors: Northrope, Alan
Publication: Maidenhead: Open University Press, 2010
Information: eBook
Description: eBook
Subjects: College teaching, Effective teaching
Categories: Education / Higher
Related ISSNs: 9780335237491, 9780335240104
Accession Number: 350036
Database: eBook Collection (EBSCOhost)

Most Relevant Pages From This eBook

View Page 138 - References
eBook Permalink


How to Be an Effective Teacher in Higher Education: Answers to Lecturers’ Questions

Authors: Morley, Alan

Publication Information:
Maidenhead: Open University Press, 2010

Description:
eBook

Subjects: College teaching, Effective teaching

Categories: EDUCATION / Higher

ISBN: 9780335328576

How to Be an Effective Teacher in Higher Education: Answers to Lecturers’ Questions

1) Copy and paste the entire URL into BlackBoard
2) Off-campus users will need to login with a user name & password to access the book.
3) Call the library at (919) 718-7288 to get the login information.

Most Relevant Pages From This eBook

eBook Display
# 3 - Embedding eVideos
Find eVideos

Library Homepage >> Online Resources >> Films on Demand

www.tinyurl.com/cccc-fod

- eVideo Collections Currently Include:
  - Business & Economics
  - Science & Math
  - Technical Education
  - Family & Consumer Sciences

- eVideo Collections Coming in January 2015:
  - Humanities & Social Sciences
  - Health
  - Careers
  - Public Library Collection
Browse
Collections

Central Carolina Community College

- Biology
- Earth Science
- Engineering
- Environmental Science
- Family & Consumer Sciences
- Geography
- Mathematics
- Physical Science
- Technical & Trade Education

Browse by Collections
Featured Producers
Strange Days On Planet Earth: Dirty Secrets

Something is amiss in our global water supply: striped bass are succumbing to flesh-eating bacteria in Chesapeake Bay; seabird chicks are starving in Hawaii; coral reefs are weakening under a growing assault of invisible contaminants; and an increasing variety of aquatic animals are showing signs of developmental disorders. Learn the sources of different kinds of water pollution, the biological and ecological explanation for its effects, and how scientists are finding answers to these matters. Find out how all of us can make a difference. Part of the series Strange Days On Planet Earth. A National Geographic Production. (56 minutes)

Item Number: 95280
Date Added: 04/22/2014
© 2012

Filed Under: Ecosystems • Environmental Problems & Management • Geology • Oceanography

Title URL

1) Copy and paste the entire URL into Blackboard. **Important:** the Browser URL at the top of the page won’t work.***

2) Off-campus users will need to login with a user name & password to view the eVideo.

3) Call the library at (919) 718-7288 to get the login information.
# 4 – Embedding Library Guides
Embedding Library Research Guides

http://cccc.libguides.com/
Example: Psychology LibGuide

URL: http://cccclibguides.com/psychology

Welcome to CCCC Library's Psychology Research Guide!

Use the links below or tabs above to navigate through this guide. If you have any questions, please contact us!
Library Research

Save Time. Save Money. Use the Library!

- Free Online & Print Resources
- 1 Million+ Online Articles
- 30,000+ eBooks
- 27,000+ Print Books

Bonus: Personalized Help

1. Library Webpage - Overview

Here's a short overview of the CCCC Library's webpage. This brief video will help you discover services and resources that can help you succeed academically. As a result of viewing this video, you will be able to:

1. Get help in the library
2. Book a library study room
3. Perform a basic search using Integrated Search and the Library Catalog

Video Tutorial Transcript

CCC Library Webpage Orientation Video with Capt...
Find Articles Online

**Integrated Search - Psychology & Social Science**

- Academic Search Complete
- Health Source: Nursing/Academic
- Opposing Viewpoints
- Films on Demand
- Library Catalogs
- And More!

**Find Articles in Online Databases**

**Interlibrary Loan: Articles**

- Not finding the full text articles you need?
  Contact the library at (919) 718-7244 to see if we can find the article for you. If we don't have it, we can get the article from any library in the United States.

  - ILL Article Request Form
    Use this form to request articles that you cannot find in our online databases.

  **Research Tip! Boolean Searching**

  - Academic Search Complete
    A scholarly general database covering many subjects including psychology and its many subdivisions.
  - CINAHL with Full Text
    This excellent nursing resource has many articles on the psychological aspects of well being and health.
Find Books in Print

- Call Number Ranges
  - BF1-990 Psychology
  - RC435-571 Psychiatry
- Books @ Library
  - Lee Library Books
  - Harnett Library Books
  - Chatham Library Books
- Books on Reserve
- Links to Canned Searches

How to Read a Catalog Record
- Item Title
  - Keep
  - Place Hold
  - Find more by this author
  - Find more on these topics
  - Nearby items on shelf
- Item Information
  - Catalog Record
  - Title
  - Can I keep my jersey: 11 teams, 5 countries, and 4 years in my life as a basketball vagabond
  - Author: Shirley, Paul, 1977-
  - Publisher: Villard
  - Pub date: 2000
  - Pages: vii, 326 p.
  - ISBN:
eResources

Psychology

Tags: health, mental health, psychology

Last Updated: Aug 20, 2014  URL: http://cccclibguides.com/psychology  Print Guide RSS Updates

Home Library Research Find Articles Online Find Books in Print eResources Websites Citation Help

eResources  Print Page

Integrated Search - eBooks & Encyclopedias

Search eBooks & Encyclopedias

Limit Your Results

- Full Text
- Peer Reviewed

Comments (0)

Online eVideos

Films on Demand

Psychology eVideos

- Make Up Your Mind
  This video is from the NC Media Collection in NC LIVE and discusses the topic of personality.

Selected Reference eBooks Online

Get started with your assignment by learning about your topic in an encyclopedia. This will help you identify keywords you'll need to search for books and articles.

International Encyclopedia of the Social Sciences - William A. Darity
ISBN: 9780023861179
Publication Date: 2007-11-01
Covers scholarship and fields that have emerged and matured since the publication of the original international edition. Highlights the expanding influence of economics in social science research and features new articles and biographies contributed by scholars from around the world on a wide array of global topics in the social sciences.

Salem Health: Psychology & Mental Health - Nancy A. Plotkowski
ISBN: 9781587755562
Publication Date: 2009-10-01
This comprehensive five-volume set covers notable theories, people, social issues, life stages, the physiology and anatomy of the nervous system, and various mental illnesses or conditions. This title is also available as an online resource. This title is also in print in the reference collection.

Use this widget to search for one of the library's 30,000+ eBooks.
Websites

Psychology
Tags: health, mental health, psychology
Last Updated: Aug 26, 2014  URL: http://cccc.libguides.com/psychology

Websites
Search:
This Guide ▼ Search

Psychology Websites

- Careers in Psychology
  An excellent database for investigating the many careers available in psychology plus information about top psychology schools and input from professionals in the field.

- Medline Plus
  MedlinePlus is the National Institutes of Health's Web site for patients and their families and friends. Produced by the National Library of Medicine, it brings you information about diseases, conditions, and wellness issues in language you can understand. MedlinePlus offers reliable, up-to-date health information, anytime, anywhere, for free.

- National Institute of Mental Health
  Symptoms, diagnosis, and treatment of various mental illnesses. Includes brochures, information sheets, reports, press releases, and fact sheets.

- NC Division of Public Health
  The Administrative, Local, and Community Support (ALCS) section of the Division of Public Health (DPH) provides both direct and indirect services to the public and local health agencies. Much of our work focuses on providing support which allows the business of public health to operate as seamlessly as possible, so that the Division may better serve the public.

- NC Health Information
  Online guide to quality health and medical information and local health services throughout North Carolina.

Evaluating Websites

Clues

Comments (0)
Citation Help

Psychology Tags: health, mental health, psychology
Last Updated: Aug 20, 2014 | URL: http://ccc.libguides.com/psychology | Print Guide | RSS Updates

Home | Library Research | Find Articles Online | Find Books in Print | eResources | Websites | Citation Help

Citation Help

Sample Papers
- MLA Sample Paper (OWL)
- MLA Sample Paper
- APA Sample Paper (OWL)
- APA Sample Paper

Citation Guides
- Purdue OWL: MLA Formatting and Style Guide
  CCCC instructors trust this resource
- Purdue OWL: APA Formatting and Style Guide
  CCCC instructors trust this resource

Citation Builders
- Create MLA or APA citations using a simple online form. Always review your Citations.
  - KnightCite Citation Builder
  - NCSU Citation Builder

CCCC Campus Writing Resources
- CCCC Writing & Reading Center
- CCCC Writing Works

The Credible Hulk
- Always cites his sources

Source: Twitter User stephenjenkins
Any Questions?