Set It and Forget It! A self-sustaining semester-long literature assignment for an undergraduate Genetics Class. Now with a bonus Reference Game to emphasize Boolean operators!

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Set It & Forget It!: A self-sustaining semester-long literature assignment for an undergraduate Genetics course.*

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WINGATE UNIVERSITY

GaCOIL 2018
General Information – University

• 3689 Students (total, not FTE)
• 963 Graduate Students
• 2726 Undergraduate Students
450 Biology majors (17% of Undergrads)
- 10 tenured/tenure track faculty
- 2 full-time instructors
- 2 visiting instructors
- 2 full-time staff members (Prep. & Admin.)

Biology is the single largest program at the University!
Biology Curriculum

5 required courses

• Bio.150 and 160 ("biology "101 & 102" - type classes) Introductory Classes)
• Bio.240 & 340 (Classical & Molecular Genetics)
• Senior Seminar (Capstone Senior Course)

All required courses are offered each semester.

Until (‘18- ‘19) 240 & 340 were both only taught by the same faculty member! Who also teaches 150, 160, Biochem., Parasit., Virology, and Seminar.
• **Molecular Genetics with Associated Laboratory**
  - ~48-72 students per semester (24/lab)
  - 12 Scheduled Laboratory Periods / semester / section.
  - 3 hours allotted for a laboratory time period

One entire laboratory period is dedicated to the Literature assignment in order to allow for simultaneous “hands-on” work during the presentation of information.

This lab is always held in the Library’s Computer Lab. Due to the number of computers the students split into two groups of 12 students. Each group meets for 1.25 hours.
• Discussion of what constitutes the “Scientific Literature”
• Discussion of “Peer Review”
• Introduction to the EKS Library Holdings
  • Wiley’s Online Library & Elsevier’s Science Direct
• Search Strategies
  • Boolean Operators
• “THE ASSIGNMENT”
• “THE GAME”!
What Constitutes Scientific Lit.?

• Topics Covered
• Involves the “Scientific Method”
• Etc.

• Titles Usually Contain the word “Journal”
What about...?
The BIG answer is of course,

•Peer Review!
One does not simply publish a scientific paper without passing Peer Review.
Peer Review II

Peers Review?

The Design is Perfect!

Peer Review

Or it didn’t happen

You want me to peer review this?

You didn’t even spellcheck!!

Still waiting

For the Peer Review

Manuscript Submitted

Manuscript Accepted
Internet memes as an information dissemination tool for libraries:
the Ateneo de Manila University experience

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Abstract

An increasing popularity of Internet memes can be observed particularly among college students. Websites such as 9gag, Reddit, and 4chan provide a venue for these memes to be visited by the general public. Having observed this trend, the Rizal Library of the Ateneo de Manila University embarked on a strategy to use Internet memes as an information dissemination tool for libraries.
The ASSIGNMENT!
Student View

- Weekly Continuing Assignment (entire semester)
- Locate and read two papers / week
- Send links to said papers to instructor
- Follow paper selection limiters, IF GIVEN
- School week is different from a calendar week.
The ASSIGNMENT!
Instructor’s View

• Periodically set limiters for weekly papers
  • “one paper this week must mention Elephants”
  • “one paper this week must have a “Smith” as an author”
  • “one paper this week must have been published in 2016”

• Sit back and wait for papers to come in…

• Randomly reply to link emails
  • “See he DOES read them!”

• Sort through HUNDREDS of emailed links!!!!
How Thunderbird Saves the Day!

• Thunderbird is a free, open source Email program (Mozilla)
• Interfaces extremely well with many Email providers (especially Gmail)

• Extensive “Toolkit” for email sorting!!!!

• Message Filters are the Key
Thunderbird Filters I

Enabled filters are run automatically in the order shown below.

Filter Name | Enabled
-------------|--------
23andMe     | ✓      
ILLs        | ✓      
TIAA        | ✓      
340 Journal-1-Spring 2017 | ✓      
Banking     | ✓      
School      | ✓      
Prime Exam  | ✓      
GSU Filter II | ✓      
From is: k.nobles@wingate.edu | ✓      
To is: • |       

Run selected filter(s) on: Inbox on odom@wingate... | Run Now

Thanks,
The Academia.edu Team
Thunderbird Filters II

Filter name: 340 Journal-1-Spring 2017

Apply filter when:
- Manually Run
- Getting New Mail: Filter before Junk Classification
- Archiving
- After Sending

Match any of the following:
- From: is email@addthis.com
- From: is noreply@wiley.com

Perform these actions:
- Move Message to 340 Spring 2017 on odom@wingate.edu
Filter Results I
Filter Results II

From: email@addthis.com
Subject: Bringing order to translation: the contributions of transfer RNA anticodon-domain modifications - Agris - 2008 - EMBO reports - Wiley Online Library

Reply to: al.clayton@wingate.edu
To: odom.journal.340@wingate.edu


---

This message was sent by al.clayton@wingate.edu via http://addthis.com. Please note that AddThis does not verify email addresses.
Name Level Filters Possible!

Filter Rules

Filter name: 340 Journal-1-Spring 2017

Apply filter when:
- [ ] Manually Run
- [ ] Getting New Mail: Filter before Junk Classification
- [ ] Archiving
- [ ] After Sending

- [ ] Match all of the following
- [x] Match any of the following
- [ ] Match all messages

Body contains al.clayton@wingate.edu

Perform these actions:

Move Message to Clayton-A on odom@wingate.edu
• Used at the end of Lit. Lab (time permitting) to reinforce Boolean Operators
• Goal is to get the lowest number of “hits” without “Busting” (returning 0 hits)

• Let’s play a quick round….. (Time Permitting)
Thank You! ....Any Questions?

BOO-lean operators

- Ghost
- NOT Ghost
- Scream
- NOT Scream

- Ghost
- AND Ghost
- Scream
- OR Scream

https://librariandesignshare.files.wordpress.com/2015/04/boolean-operators.jpg