Help! No Time for Library Instruction, Not Even a One-Shot

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HELP!
No Time for Library Instruction, Not Even a One-Shot

Georgia International Conference on Information Literacy
February 21, 2020
Sheri A. Brown, Librarian
Dr. Dianne Fair, Professor of Microbiology
Florida State College at Jacksonville (FSCJ)

- 4 campuses and 3 centers
- 50,000 students
- 13 Bachelors Degrees
- 45 Associates Degrees
- 100+ technical certificates and workforce certifications
- 154 countries
- 12 to 106 years old
- Downtown Campus
  - 1977
  - Urban campus
  - Perimeter of city’s core business, entertainment, and sports district

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Biomedical Sciences (B.S.)

• Prepares student for direct entry into analytical/research laboratories and health sciences

• Prepares student for a variety of science-related positions in pharmaceutics, medical manufacturing, clinical and environmental chemistry, laboratories, health departments, zoos and museums.

• Graduates will also obtain the core prerequisites necessary to succeed in science graduate programs, as well as professional programs such as medicine, dentistry, veterinary medicine, podiatry, chiropractic medicine, occupational and physical therapy, and physician assistant programs.
Biomedical Sciences (B.S.)

- Laboratory-based curriculum
- Emphasizes concentrations in biological sciences and biochemistry
- Course work includes: Physics, Chemistry, Biology, Microbiology, Molecular Biology, and Genetics.
- Students must complete IDS4936 – Biomedical Science Degree Capstone

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Student Comments

• “I only wish I would have known of this earlier in my degree program.”
• “At this point in our education, as seniors, I feel this should have been done much sooner.”
• “This orientation should be presented to freshmen level students.”
• “I’m not sure what can help me more but I do think that we should teach other schools in the area about this presentation. It will help students make better research papers and help stop making teachers insane from seeing their students copy and paste. Also, this presentation will improve how students write their research papers.”
Research Assignments
MCB2102C Microbiology

• Two short research papers (1500 words) that will discuss the biology, ecology, and pathology (if any) of your microorganism
  • “favorite microbial genus”
  • Identification of an unknown bacterium + short lab component

• Oral presentation (5 – 6 minute) on the microorganism covered in research paper
• Research paper (1500 word) on your “favorite pathogenic bacterium”. Include its history, morphology, genome, pathology (if any), research utility (if any), and any other interesting characteristics that you find in the course of your research.

• Oral presentation (6 – 7 minute) on your “favorite pathogenic bacterium”.

• Scientific Article Analysis (SAA) – Three peer-reviewed journal articles with review questions. Search literature/databases for supplemental information.
• Research paper (1500 word) on your “favorite virus”. Describe its history, morphology, genome, pathology (if any), research utility (if any), and any other interesting characteristics that you find in the course of your research.

• Oral Presentation (5 – 7 minutes) on your “favorite virus”.

• Scientific Article Analysis (SAA) – two peer-reviewed journal articles with review questions. Search literature/databases for supplemental information.
Capstone IDS 4936 – “The Big One”

This course focuses on the integration of knowledge, skills and abilities learned in the Bachelor’s degree in Biomedical Sciences through a capstone project. This will expose students to a multidisciplinary approach to learning sciences by requiring students to analyze social, economic, ethical, scientific and professional aspects of their chosen research topic.
Paper Requirements

• Topic Selection – must be approved by instructor
• LLC tour and instruction
• Proposal paper (2 – 3 pages)
• Annotated bibliography – minimum of 8 peer-reviewed journals or books
• Outline of paper (3 – 5 pages)
• Final draft of paper (minimum 3000 word)
• Oral presentation (12 – 15 minutes)
• APA
Learning Outcomes

• Apply analytical, critical thinking and problem solving skills to develop a research topic.

• Apply analytical, critical thinking and problem solving skills to identify current peer-reviewed literature that relates to their research topic.

• Apply analytical, critical thinking and problem solving skills to identify and review current literature and draw conclusions from it.

• Apply analytical, critical thinking and problem solving skills to clearly present the findings of the research project and make future recommendations based on the conclusions of the research.

• Synthesize concepts and principles of Biomedical Sciences courses by SPECIFIC EXAMPLES OF MATERIAL FROM AT LEAST THREE DIFFERENT COURSES IN THE BIOMEDICAL SCIENCE PROGRAM OF STUDY. You will need to mention very specific examples in your final paper and final presentation so that a direct measure of this achievement can be accounted for. Students will also have access to an indirect measure of this synthesis outcome by a self-measured Likert scale short questionnaire at the end of the semester. For example, you know that I am a soil microbiologist by training, so in my final paper/presentation I would point out the concept of Gram staining from MCB 3020C as it relates to antibiotic production and resistance from MCB 4404 and horizontal gene transfer mechanisms from PCB 3513C. By this point in your program of study, you should have many possible examples to use!
Research Appointment
Make an Appointment - Downtown Campus
Downtown Campus LL.C, Room A-2102

Appointment with: Sheri Brown
Date: Wednesday, February 19, 2020
Start Time: 8:00am

Your Details

* is required

Full Name *
First Name
Last Name

Email *

Phone Number *

Course and Course Number *

Instructor *

What is your research topic? *

Click to choose files or drag them here.
Maximum file size: 20.0 MB

Clear Files
## Research Appointments – Spring 2019

<table>
<thead>
<tr>
<th>CLASS</th>
<th>NUMBER of STUDENTS</th>
<th>RESEARCH APPOINTMENTS</th>
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</thead>
<tbody>
<tr>
<td>IDS 4936 (Capstone)</td>
<td>14</td>
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<td>MCB 2010C</td>
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<tr>
<td>MCB 3020C</td>
<td>24</td>
<td>14</td>
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<tr>
<td>MCB 4203</td>
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<td>14</td>
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<td>MCB 4404</td>
<td>18</td>
<td>09</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>98</strong></td>
<td><strong>75</strong></td>
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- 27 appointments
- Reference Desk Schedule
  - Monday – Thursday
    - 8AM – 10AM
    - 2PM – 4PM
  - Friday 9AM – 2PM
  - Total: 21 hours
Research Appointments – Summer 2019

<table>
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<th>CLASS</th>
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<td>MCB 2010C</td>
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<td>21</td>
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<td>MCB 4503</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>51</strong></td>
<td><strong>42</strong></td>
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- 6 Appointments
- Reference Desk Schedule
  - Varied
  - Time Off
  - Additional PT Librarian Hours
Research Appointments – Fall 2019

<table>
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<th>CLASS</th>
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<tr>
<td>IDS 4936 (Capstone)</td>
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<tr>
<td>MCB 4203</td>
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<td>10</td>
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<td>MCB 4404</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>75</strong></td>
<td><strong>47</strong></td>
</tr>
</tbody>
</table>

- 18 Appointments
- Reference Desk Schedule
  - Monday – Wednesday
    - 8AM – 10AM
  - Thursday 8AM – 1PM
  - Friday 9AM – 2PM

Total: 16 hours
• Advanced searching
• Search strategies
• Accessing E-resources
• Searching specific databases
• Database features – folders, citations, audio
• Other resources – CDC, NIH, PubMed
• Citations - MLA & APA
• Academic Writer
Learn to write with grace and precision. Consult quick guides, tutorials, self-quizzes, sample papers, sample references, sample tables, and sample figures to master the art of scholarly writing.

Reference

Manage your reference library and add new references. Create your own APA Style references with forms in the reference generator. Add existing references by importing files or searching more than 4 million preformatted references.

Write

Select one of our paper templates to begin writing. Use integrated research tools to plan your work. Enjoy the ease of comprehensive paper formatting and checking for common APA Style errors.
Select a reference type to get started

Periodicals
- Journal article
- Whole special issue of a journal
- Whole special section of a journal
- Newsletter article
- Newspaper article
- Magazine article

Technical and Research Reports and Gray Literature
- Report by a government, agency, or other group
- Report with individual author(s)
- Annual report
- Press release
- White paper
- Fact sheet
- Brochure
- Policy brief
- Issue brief

Audiovisual Media
- Video, DVD, or motion picture
- Streaming and other online video (YouTube, Vimeo, etc.)
- Work of art
- Podcast
- Speech recording
- Interview recording
- Transcript of an audio or video file (podcast, interview, speech, etc.)
- Music album
- Music recording (single track)
- Television series (entire)
- Television series episode or webisode
- Map

Websites, Social Media, and Other Online Materials
- Web page
- Blog post
- Blog comment
  - Twitter (tweets or pages)
  - Facebook (status updates, pages, videos, photos, notes, etc.)
  - Google+ (posts, pages, videos, photos, etc.)
  - YouTube (video or channel)
- Other online forum content
Student Comments: Post Appointment Survey

• “Wonderful!”

• “Not only understanding of my busy schedule, but she is the sweetest person I have ever met. So helpful and kind.”

• “Very helpful.”

• “Very passionate about sharing helpful information. So happy I met with her.”

• “Amazing!”

• “Absolute delight and provided me with all the tools I need to access sources for my Capstone class.”

• “I greatly benefitted from today’s visit.”
Dr. Fair’s Comments

• “The students who are getting back to me are all enthusiastic so far!”

• “The student feedback has been overwhelmingly positive in that they feel more confident with using databases and formatting their papers.”

• “The feedback from students was fantastic.”

• “Anecdotally – writing is fantastic and continues to be for students, in subsequent terms, with me who use the library research and writing lab appointments.”
Key Takeaways

• Faculty collaboration
• Minimize student anxiety
• Increase student confidence in the research process
• Connect with students
• Introduce students to library resources
• Improve student success
Recommended Reading


Thank You!

• Questions???