Incorporating Publication into Graduate Seminars
A Case Study with Digital Reviews in Archaeology

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ABSTRACT

Writing for publication will be central to students’ future careers, so learning this skill should be integral to their graduate training. In a recent graduate seminar, we set up an assignment for which students would write a digital review (DR) and receive periodic feedback on their work through an innovative mock peer-review roundtable workshop. Each student wrote a DR intended for actual publication in the journal *Advances in Archaeological Practice*. Students worked closely with the instructor and the journal editor on their individual topics, outlines, and abstracts. They also peer-reviewed each other’s drafts and discussed their feedback as part of the roundtable workshop, which simulated real reviewers. Finally, each student wrote cover letters and prepared images for submission to the journal. This exercise demystified the peer-review process for students who had little prior knowledge about publication, prepared students for responding to reviewer comments from varying viewpoints, and helped students understand the additional steps involved in publication. Although it was challenging to scale this exercise to a large class, we hope that others will also try and share results from these types of authentic real-world training experiments to advance graduate pedagogy in our discipline and beyond.

Keywords: writing, pedagogy, professional development, digital archaeology, graduate education

Academic publication is a daunting task for most of us but especially for students. Students may feel that they are too inexperienced to participate given that they have not yet fine-tuned their writing skills, or they may be unfamiliar with the publication process. Faculty members may mentor and advise students on their writing, and coursework may include a seminar on publishing. Although professors can encourage students to publish articles from their courses, unless students are already familiar with the publishing process or are working closely with their advisor or teacher, they may not feel adequately prepared for the peer-review process. Additionally, publication records are increasingly important for securing academic and research-based jobs, with a focus on peer-reviewed journal articles over books and book chapters (Cramb et al. 2022).

Consequently, encouraging students to publish early on in their careers will help familiarize them with the process, build

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confidence, and promote professional development (Sallee et al. 2011).

Many researchers feel “writer’s block” when it comes to publication, in part due to time constraints with other obligations such as teaching, taking care of family, running a lab/excavation, holding additional paid employment, or because they were never trained on how to write an article or what processes are involved (Berdanier 2021). All these complications are amplified for the student, who—in addition—lacks experience. One tactic for students is to partner with more advanced scholars in the writing and publication-submission process. In this way, students will become more familiar with writing a cover letter, preparing figures and tables according to journal standards, and, after peer review, tackling reviewer comments to improve an article. Students may also feel intimidated because they do not know enough about the topic to justify writing an article. For some authors, writing about a topic of personal interest may help to overcome these challenges. As archaeologists transition from graduate student status to early career scholars and beyond, writing should become less daunting, and it may even become enjoyable and fulfilling.

A PUBLICATION ASSIGNMENT

With this framework in mind, we incorporated publication fundamentals and, specifically, the peer-review process into the classroom through a writing assignment that was directly connected to publication in an academic journal. These were the goals of this assignment:

1. Demystify the peer-review process with a roundtable-style mock peer review
2. Prepare students for responding to critiques presented in reviewer comments
3. Give students experience with the logistics of publication, such as including informative high-resolution images, tables, and cover letters
4. Provide students with the opportunity to publish a non-peer-reviewed article in a major journal as sole or first author

With our goal of helping our students develop a range of professional skills, we undertook this exercise with graduate students directly engaging in the publication process. The context was a graduate seminar on ancient urbanism and inequality, where weekly writing assignments and two papers (including this publication assignment) were key components of the course. To facilitate students taking a gentle first step into publication, this assignment had the optional forms of (a) a book review or (b) a digital review (DR) article for the Society for American Archaeology’s journal Advances in Archaeological Practice (AAP). The latter is the focus of this article. Although DRs are not formally peer-reviewed articles, we believe that they offer a suitable first step for learning about the publication process. Furthermore, we established a mock peer-review exercise to support the writing assignment. Given that this process included iterative rounds of feedback and revisions, like formal peer review, we saw our implementation as a reasonable substitute. This was also an opportunity for us as early career scholars to experiment with pedagogical techniques during the building of one of our first graduate-level courses. Here, we provide an overview of our process, our pedagogical framework, and the results, as well as a self-reflective critique of our efforts.

We hope this will encourage other instructors to engage more graduate students in a real publication process and to encourage student participation in peer-review writing groups through structured coursework (sensu Sallee et al. 2011).

Assignment Inspiration

In late 2021, Thompson was finalizing the development of her first graduate seminar, to be taught in the spring of 2022. This seminar focused on ancient urbanism and inequality, through an archaeological lens, and it was intended for graduate students. With her strong belief in the importance of providing real-world publication experience for students, as outlined above, she intended this type of training and professional development to be a main focus and takeaway of the course. Coincidentally, she saw a post on Twitter encouraging submissions of DRs to AAP (Figure 1). The tweet especially encouraged students to submit DRs and suggested writing about video games (note: that account has since moved to Mastodon). Given Thompson’s interest in archaeogaming (sensu Reinhard 2018), several previous DRs had already attracted her attention, including Mol and colleagues’ (2017) DR on the game Civilization 6 and Styles’s (2016) DR on the Minecraft game. She also knew that several students enjoyed playing video games as one of their hobbies, so it was a natural step for her to incorporate writing a DR into the course as an integral method to teach good writing habits, the peer-review process, and the way to publish articles.

The first DRs appeared in AAP in 2016. The purpose of the digital reviews is to engage with archaeology and digital initiatives for a broader audience. Digital reviews were intended to evaluate digital media critically through an archaeological lens, highlight the relevance of digital archaeology techniques, and provide a venue for comparing digital archaeology media and methods (Perry 2016). Recent DR articles have covered wide-ranging topics: from high-level overviews of important trends in digital archaeology (Kansa and Kansa 2021; Liang 2021) to investigations of public engagement through various digital media (Carpentier 2022; Dennis 2018; Emmitt 2022; Snyder 2022). Consequently, students can write about diverse topics that are of interest to them and integrate their hobbies into academic writing.

For students, DRs have the advantage of being shorter texts (around 2,000 words), not requiring formal peer review, and being freely available online. AAP provides some support for editing, and DRs are generally well illustrated. Optionally, authors can engage in independent research, including collecting and analyzing new data. In that regard, DRs are flexible and based on the interests of the authors and the digital media they write about. Yet, the DRs are real publications in a high-ranking journal for the discipline. A recent DR, entitled Machine Learning Arrives in Archaeology (Bickler 2021), has been cited 48 times in Google Scholar as of August 2023. DRs make excellent writing opportunities because students are often immersed in the digital realm in all facets of their lives, making the range of topics familiar.

Critical writing for a broad audience on current, relevant topics is an important skill. First, students are learning to survey existing literature with a critical eye and to synthesize ideas for a specific topic based on what has been done and written about before. Second, they are evaluating some new digital tool or medium, any
of which might have relevant applications in the profession. Third, through our mock peer review, they are developing strategies for dealing with constructive criticism of their work, including iterative writing, which would be useful for grant applications or official reports. Fourth, they are gaining experience by providing feedback about the work of their peers (see also Watling et al. 2021). Finally, the students are learning to articulate their ideas for a general audience and to present these ideas formally—again, skills that are useful in many life and work contexts. In addition, an official publication will stand out on a new scholar's resume.

The Pedagogical Context

Writing is both a challenging pedagogical area and an essential skill for students to learn (see Sallee et al. 2011). Luckily, dozens of books focus on writing, creating good writing habits, and getting published (e.g., Becker 2020; Belcher 2019; Deetjen 2020; Sarasmäki 2018; Silvia 2007, 2015), whereas others focus on grammar, prose, and writing styles (e.g., Strunk and White 2000; Sword 2012; Truss 2003; Zinsser 2006). Concepts from those books were applied to Thompson's classroom. However, the improvement of writing skills also required a close mentorship process, with iterative drafts receiving feedback, which is something we were able to provide in the context of our small and focused seminar.

Cobb and Croucher (2014:197) point out "the undervaluation of pedagogy and pedagogic research in archaeology" and later advocate for increased pedagogical research related to archaeology (Cobb and Croucher 2020). Much prior literature on archaeological pedagogy has focused on the importance of fieldwork in teaching (Alsaud et al. 2021; Cobb et al. 2022; Everill 2015), but this comes with challenging accessibility issues (Heath-Stout and Hannigan 2020). We hope to encourage others to discuss their efforts specifically in teaching about writing, because this will inform the next generation of archaeologists.

Like fieldwork, the teaching of the academic publication processes falls within the emerging educational theoretical domain of authentic assessment in higher education. Assessments are considered more authentic if they more truly align with the practices that students will encounter in their future professions (Ashford-Rowe et al. 2014; Nieminen et al. 2023). Although books such as Writing Archaeology (Fagan 2006) focus on processes of writing for archaeologists, Fagan’s book emphasizes writing shorter op-eds and books rather than peer-reviewed journal articles, highlighting the shifts in publishing practices in the past 15 years. Nonetheless, key concepts in Fagan’s book echo those from more general writing practice manuals, which include writing often, revising one’s work, and learning to receive criticism constructively.

Several aspects of teaching writing in the graduate student classroom have been explored in prior studies in other academic fields. Here, we consider these topics to frame our own pedagogical efforts. One aspect that challenges teachers is finding enough time during a single course to incorporate writing instruction and practice while teaching discipline-specific knowledge. Another aspect is how to embed writing into the social fabric of learning, such as through group peer review and editing. Some instructors have also delved into the emotional aspects of writing, and others have taken into consideration the inequalities of opportunities that different student authors might face in their personal lives.

In one example, Copenheaver and colleagues (2016) taught a course about forest ecology that required students to undertake a research project and to write a manuscript that could be submitted for publication. They found that it was difficult to fit this into a single semester course, and students’ main takeaway was collaborative research rather than writing. Given that our archaeological
assignment was focused on reviews, our students avoided spending significant time on data collection and more of their time on writing and rewriting, incorporating individual mentorship, learning about publication processes, and engaging in in-class workshops (sensu O’Hara et al. 2019).

Learning is often an inherently social process, and although writing itself seems like an individual task, working together on composition has potential benefits for learning to write. Students can collaborate to provide constructive feedback on each other’s writing. In a course about writing in the social sciences, Nairn (2020) established a system of collective group editing: each student would share a paragraph of their writing and the other students would offer feedback. This was done by projecting each paragraph onto a large screen and then editing in real time. In this way, the students “were able to observe each other’s mental processes as they articulated and externalized their thinking to clarify meaning for the rest of the group” (Nairn 2020:889). The students reported favorable experiences with this collective writing process and found themselves adapting what they saw to their own editing processes.

Peer-writing groups offer a space where drafts of articles are circulated for feedback before they are submitted. Such groups often provide accountability (Belcher 2019; Sarnecka 2019) and help authors develop consistent writing habits (Sarnecka 2019; Silva 2007). When implemented in the classroom, formal structures for providing group feedback can also be helpful. Peer-review assignments teach students the other side of the coin—not just how to consider feedback from others but also how to provide effective peer reviews for others. Learning how to provide others with thoughtful, insightful, and useful feedback is an important skill that we should be teaching (Watling et al. 2021).

Furthermore, few courses require students to write and revise a paper multiple times. This subconsciously teaches students that writing a paper only once is normal (Becker 2020:40). Yet few manuscripts, fellowship applications, or grant proposals are accepted or funded on the first round of review. We often edit and revise an article numerous times before we send it to a trusted colleague or co-author for review. Only after many drafts is an article officially submitted. Then, the article may go through several rounds of formal peer review and revision before being published. In the end, our work is improved through the feedback and insights of others. Consequently, peer review in the classroom teaches students this invaluable lesson by offering both written feedback and face-to-face discussions that allow for a back-and-forth between the author and reviewer. The goal is for students to learn how to improve their work through critical evaluations, some of which may be more negative or detailed than others.

Costello and colleagues (2022) studied a course focusing on a social scientific investigation of a community youth leadership program. Students wrote up their results for publication, and the authors evaluated this aspect of the class. Their study emphasized the social constructivist context of learning, which foregrounds the interactions among learners in constructing new knowledge. In this course, students worked together on teams to conduct the research while improving their interpersonal skills through doing everything from selecting groups to managing team tasks. One interesting aspect of this project was their consideration of authorship order for the final publication. With large teams of up to 11 students, they had to develop a very specific system for determining author order. What they came up with was a scorecard that quantified each student’s contribution and enabled them to order the authors based partially on the scores, a process that students found fair. Credit and authorship are very important but challenging aspects of the publication process, so it was valuable for the students to think through these issues. The teamwork management continued throughout their production of the article. After they submitted the article, they apportioned which students would deal with the comments from which peer reviewers.

Writing is, of course, an emotional and often stressful process, and each person comes from a different background, with diverse abilities and experience with writing. This can lead to potential inequities in learning writing in the classroom and in writing for publication. For example, in Nairn’s (2020) course, mentioned above, the public projection of their drafts left some authors feeling vulnerable. Therefore, the instructor made significant efforts to build trust among the students, including sharing her own early-stage writing samples. In a course on social work that included peer review as part of the writing assignment, Adamek (2015:213) found that “students transitioned from cautious reluctance about peer review to embracing it as a necessary part of the writing and publication process.” Learning how to view criticism about one’s own writing in a positive light to help improve the end product—instead of perceiving it as a personal critique—and becoming comfortable with the process takes many years.

Recent acknowledgment of gender, racial, ethnic, and income inequities in the field-based sciences (Bowey et al. 2021), including archaeology, extend to grant writing and publishing (Beck et al. 2021; Fulkerson and Tushingham 2019; Goldstein et al. 2018), professional networks (Leighton 2020), and our careers and everyday lives in general (Cobb and Crellin 2022). These trends are present in graduate school and beyond. Noortyani (2016) highlights how students in developing countries face extra hurdles for writing internationally publishable academic articles in English. The students in her study lacked confidence in their language skills to express their ideas and in their knowledge to write in detail about certain subjects. Huerta and colleagues (2017) found that student self-efficacy—their belief in their own capacity to accomplish a task—was a significant predictor of how much writing anxiety they would face. We aimed to help assuage students’ writing and publishing anxieties by creating transparency in the process. Furthermore, we hope this exercise empowered students of all backgrounds in their writing process by creating a sense of community, commitment, and respect for each other’s work and reducing potential inequities in the classroom (sensu Cobb and Crellin 2022).

**THE PROCESS**

Framed within this wider context of the teaching of writing, we built an assignment for our own course. Although this took place as part of an elective graduate seminar on urbanism and inequality, teaching practical skills was just as important as discussing the theoretical issues. Students enrolled in the class from several disciplines, including geography, biology, architectural preservation, and community and regional planning. Generally,
students were in the first or second year of their master’s or doctoral program, some aspiring to pursue an academic career, whereas others aimed to work in industry or government. The students also came from a variety of socioeconomic and identity backgrounds that may not be typical among university archaeologists in the United States, so we hope that our assignment opened an archaeological publication opportunity to a wider audience.

In addition to writing a DR, other assignments in the seminar included weekly reading responses, facilitating class discussions, and a final paper and presentation. The course took place over 16 weeks, from January 18 to May 8, 2022. As the course was starting, Thompson contacted Cobb, the AAP editor for DRs, directly, and he agreed to collaborate on this project over the course of the semester, including providing remote feedback to the students, which iteratively built off Thompson’s responses. This allowed insights to be conveyed based on different areas of expertise and knowledge of what works well in DRs as students wrote and revised their articles.

The Assignment

Writing for publication was one of two major writing assignments in this graduate seminar, constituting 10% of the overall course grade. Students could choose whether to write a DR or a book review. All students participated in the roundtable mock peer-review process. The course submission requirements: reviews should be approximately 2,000 words, contain at least four figures, and cite relevant scholarly literature. The guidelines for this DR assignment were adapted from Caroline Faria’s (University of Texas at Austin geography professor) Book Review assignment guidelines (see Pande and McLaughlin 2022). Instructions were posted to the course Learning Management System (LMS), Canvas (see Supplemental Text 1 for the full assignment, minus details that relate only to the book reviews).

For the book review assignment, students could review any book related to the course topics of inequality and urbanism, including from among the books listed online by the Journal of Southeastern Archaeology. One student selected this option, and that student and Thompson worked with the editor of the Journal of Southeastern Archaeology on book options, and on revising and publishing the book review (see Cortina 2022). Another student selected a book from the library but did not publish the review. Book reviews were 800–1,000 words in length and did not require figures. This strategy allowed students to select the option most suitable for their situation and career goals.

In the Classroom

In the first week of class, on January 18, 2022, the instructor (Thompson) presented the assignment, explaining that writing for publication is different from the type of writing most students use for a class paper. Although class papers can be transformed into publications, most are not ready for submission right away. Furthermore, many students are unfamiliar with the process of iterative writing and lack experience receiving and incorporating feedback into their papers. The instructor explained that the purpose of the assignment was to write a first-authored article for publication and to learn about the peer-review process. Of the five students in the graduate seminar, three selected to write DRs, and two selected book reviews. By the second week (January 25), students had posted their ideas for a DR to the LMS, which ensured that students were not writing on redundant topics. In class, students shared their ideas, conceptualizing how their topic articulated with the course themes.

During the third week (February 1), students wrote brief abstracts about their ideas. The topics selected included the use of TikTok for education in archaeology, a review of a video game (Heaven’s Vault), and a review of video game lore from the League of Legends as presented in the game and the Netflix TV series Arcane. Thompson collated these abstracts into a single document and sent them to Cobb for approval prior to moving forward with writing the DRs for AAP. At this stage, both Thompson and Cobb also provided some feedback on the abstracts, a habit that would continue throughout the writing process. In class, we briefly discussed the topics so that students had an opportunity to bounce around ideas and verbally articulate their thoughts.

In Week 4 (February 8), students submitted detailed outlines of their DRs. This ensured that students were thinking about their articles, and it provided the opportunity for everyone to give more detailed feedback on the direction of the writing. Feedback guided students to organize their storyline in a logical flow and to structure their article according to the DR format. Furthermore, the feedback focused on reminding students about several important writing goals: to keep their narratives focused and to remove tangents, to foreground archaeology, to weave in course themes and readings, and to emphasize the main takeaway of their review. We especially encouraged students to provide enough information for someone who is unfamiliar with the topic to understand their review, without delving into too many unnecessary details.

The students then wrote a full draft of their DRs with figures, which was due in Week 6 (February 22). After submitting the draft of the DR, a key component of the process was a roundtable mock peer review. The rough drafts were read by classmates, Thompson, and Cobb, all of whom provided feedback as if they were real reviewers, resulting in a total of six “reviewers.” Students were required to send their comments back to the authors before the class of Week 7. The following week (Week 7), on March 1, we held a roundtable mock peer-review discussion in class (Figure 2). With reviewer comments in hand, we went around the room, focusing on each article. Given that Cobb could not meet in person for the roundtable, Thompson presented his comments to the students. This allowed us to talk through many ideas, building on the written feedback.

Students provided insights to each other in the same way that reviewers provide suggestions for peer-reviewed journal articles. Students’ feedback included ways to trim details that detracted from the main point of the DR, how to better incorporate course content and citations, ideas for new figures and tables, and
thoughts on which figures either helped illustrate their main points or seemed extraneous. Additionally, they pointed out areas that needed further clarification or that might be confusing to a reader unfamiliar with the DR topic. At times, the student authors further explained the details of their media—such as the storyline of a TV show or game play of a video game—to help the class understand the main point and to distill information in a meaningful way to the readers. Students reported that this process was insightful and useful in revising their work, and that they enjoyed the feedback and roundtable-style discussions with their peers. At this point, in addition to peer feedback, Thompson and Cobb also provided detailed written feedback, including some copyediting for flow and clarity, suggestions about areas that needed more or less detail, and guidance for formatting the article for AAP.

After the roundtable mock peer review, students had three weeks to revise their DRs, write a cover letter, and submit their assignment to the LMS by March 29 (Week 11). The importance of cover letters, the ways they differ from abstracts, and their key elements were discussed in class, and sample cover letters and readings were provided on the LMS. Students were required to obtain departmental letterhead for their cover letters, and they were informed of the importance of using formal style, including the proper formatting, signatures, and appropriate salutations.

Consequently, this review-writing assignment occurred primarily during the first half of the semester, allowing students to focus on their separate final projects for the second half of the semester. The instructions for the assignment were broken into small tasks with multiple due dates. Students used feedback from their “reviewers” and revised their articles multiple times, following comments from Thompson and Cobb. This allowed for an interactive and iterative process of reviewing and revising their work. Although the course ended in early May 2022, feedback iteration has continued with the students on their drafts, preparing them for final publication in AAP (Table 1). Ultimately, the students were required to submit their work for publication.

GOAL ASSESSMENTS AND CRITIQUES

The end result of this effort is that the students have already published or plan to publish each of their sole- or first-authored works in a major journal. Along the way, students would hopefully realize the positive contributions of using peer-writing groups and peer feedback to improve their writing. The first drafts ranged in quality, and some took more effort than others to bring to publication level. A specific challenge involved keeping the topics focused and at an introductory level for a general audience, as well as improving writing clarity. The students generally did well by themselves on the detailed discussion of their target medium. They were able to evaluate the digital platforms and games while providing specific examples to demonstrate how the digital product did something well or could be improved. The course itself served as a venue for mentorship of the students. They learned the basics of peer review and publishing through interactive and iterative feedback and revisions, writing cover letters, signing an author agreement, and formatting the article, works cited sections, and images for publication. They remained engaged with the assignment given that it incorporated their own personal interests and hobbies directly into the writing (sensu Fagan 2006).

Student Perspectives

The students provided us with comments about their experiences. Overall, they were pleased with the process and found the roundtable mock peer review particularly valuable along with the iterative feedback from both Thompson and Cobb. Students pointed out that this was their first experience conducting a peer review. One student stated, “The roundtable peer-review workshop was valuable as many of us had not published before. . . . It was also fortunate that many of us were from different disciplines as that likely offered us outside perspectives that we might otherwise not be exposed to” (Chris Ploetz, personal communication 2022). Students noted that reading the papers of others.
TABLE 1. Timetable for a Peer-Reviewed Digital Review Assignment in a Graduate Seminar.

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic/Deliverable</th>
<th>Feedback from Instructor?</th>
<th>Feedback from Digital Review Editor?</th>
<th>Feedback from Peers?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Present the assignment to students</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Submit ideas for a DR</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Submit a short abstract</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Submit a detailed outline</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Submit a draft DR</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Submit written feedback on others’ DR drafts</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>7</td>
<td>Conduct in-person peer-review roundtable</td>
<td>X</td>
<td>(Editor in a location different from class)</td>
<td>X</td>
</tr>
<tr>
<td>11</td>
<td>Submit a final draft of the DR along with a cover letter</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>12–16</td>
<td>Revise</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Beyond</td>
<td>Prepare author agreement (Green/Gold Open Access)</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beyond</td>
<td>Prepare article per journal style guide</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Beyond</td>
<td>Submit the DR to the journal</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Fall 2022–Fall 2023</td>
<td>Publication</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

helped them see what things worked well and what did not, and they used those observations to refine their own papers. They enjoyed working with their peers in a low-stakes environment. They also found that working directly with the DR editor was integral to the experience and a highlight of the process. One student said, “I loved working with an editor because it just gave us the experience of what it’s like even if it’s not something I will do that much in my career” (Yuhana Khan, personal communication 2022). A student who wrote a book review provided similar feedback: “My favorite part of the assignment was being able to work with the [book review] editor to get feedback and actually get it published” (Camila Cortina, personal communication 2023).

However, students reported feeling a little rushed due to the timeline for the assignment, which they thought was too short. The instructor opted to require a full draft of the DR assignment to be completed by the middle of the semester to ensure that students were able to focus on their other final projects during the second half of the semester. One student suggested reducing regular course readings during some weeks to provide more time for the DR writing. On the other hand, of course, we all need to learn how to write while facing many competing demands on our time (Belcher 2019; Sarnecka 2019). Finally, one student noted, “It was at times overwhelming to go through six people’s comments (four classmates, one instructor, and one editor). Comments would sometimes conflict with one another, which I think is fine since it’s my choice to accept or reject changes at the end of the day” (Yuhana Khan, personal communication 2022). The students also noted that some of the reviewers provided too little constructive feedback. Learning about how to deal with conflicting or less valuable feedback is also important for new authors.

For all students in the class, this was their first exposure to writing for publication and the peer-review process. One student said, “The nature of the digital review was a great first writing project as it gives an idea for the [peer-review] process with lower stakes” (Chris Ploetz, personal communication 2022). Students enjoyed that the assignment combined their interests and hobbies with an academic course assignment. One stated, “I thought it was really awesome how we were able to tie class topics into a video game or digital platform” (Yesenia Rubi Landa, personal communication 2022). The student who wrote the book review acknowledged that the DR option was more creative, but “liked having the option for something more straightforward” given that she was finishing her master’s thesis during the semester of the graduate seminar (Camila Cortina, personal communication 2023). One student commented that “the whole process was hands-on, which is exactly what I admire and expect from a graduate-level course” (Yuhana Khan, personal communication 2022).

Assessing Our Goals

Here, we reflect on each of the original goals laid out at the beginning of this article to consider what was accomplished and how we could improve our efforts to further archaeological pedagogy.

Goal 1: Demystify the Peer-Review Process. Our first goal was to introduce the peer-review process and encourage graduate students to begin publishing early by exposing them to a low-stakes peer-review environment in the form of a roundtable workshop. We included several levels of iterative feedback, from their incipient idea for their DR to their outlines, and multiple drafts of their article. In class, we held a roundtable-style workshop in which we discussed each student’s article in detail. This provided students with the opportunity to talk through their reviews and to give each other verbal feedback in addition to the written feedback. Students reported that this opportunity helped them better understand the publication process while simultaneously learning as much from giving as receiving feedback.

Goal 2: Prepare Students for Responding to Criticism. Our second goal was to give students a chance to adapt mentally to the critical environment of their peers. Students received feedback from their peers, the instructor, and the DR editor—a total of six reviewers on each article. Some reviewers provided only minor feedback,
whereas others provided substantial feedback, simulating a scenario often encountered in peer review. Students learned that feedback is often varied. As with actual peer review, it was up to the author to decide how to handle conflicting feedback. Students were welcome to meet with the instructor to discuss how they should revise their manuscripts.

Goal 3: Give Students Experience with the Logistics of Publication. A third goal was to remind students that publication is about more than writing the manuscript. Writing for publication includes supporting one’s arguments with informative yet enticing imagery and data tables, and situating one’s work through citing others (Deetjen 2020; Saramäki 2018). Additionally, cover letters are needed for manuscript submissions, and they are fundamentally different from the abstract. They should detail the broader importance of the article, key themes and findings, and the way the article fits within the scope of the journal (Becker 2020; Saramäki 2018). In this assignment, students had to integrate these items into their final submission for the course and, eventually, to AAP.

Goal 4: Provide Students with the Opportunity to Publish. The final goal of this assignment was to have students publish a sole- or first-authored, citable article, which could then be included in their CVs. Of the three students who did a DR, two are now published (Khan 2022; Landa and Thompson 2023).

Self-Reflection and Critique

If we situate ourselves within the wider pedagogical universe, we observe that there are some ways that teaching writing for publication in archaeology is similar to other academic disciplines, and in some ways, it is unique. We are a relatively small field that needs to not only synthesize and communicate primary data but also articulate interpretations and theoretical discussions. As with other efforts at mentoring students in writing, we were challenged by the time frame of a single course. The assignment in this course foregrounded social learning through the use of the mock peer-review roundtable process. We hope that this course opened the way for students to provide more detailed feedback given that they have fewer articles to review, and potentially, allow students to provide more constructive criticism for their classmates’ articles. This strategy could be conducted in a small class of five as well, although in this situation, students may easily be able to pick out who their reviewer is, based on their knowledge of each persons’ writing and style of comments from class discussions, online writing responses, and other course assignments. By placing more emphasis on the grading of the review itself, this might also lead the reviewers to be more critical and, therefore, helpful. Another strategy would be to find more advanced students to provide feedback, which would also aid in their own professional development. Peer review is an essential part of the scientific method and is a real-world skill we should be teaching, so having more input from other students in an iterative manner is valuable to the reviewers as well. In addition to being peer reviewers, we also see the possibility that students can serve more as editors to help organize all the activities and provide more direct guidance on the direction of the articles. This would give them practice with another set of practical skills while allowing us to delegate more logistical tasks. Another approach to scaling up the assignment might include deploying new generative artificial intelligence (AI) chatbots to help provide students with detailed feedback on their papers (Cobb 2023). We note that having the final DRs submitted and ready for publication by the end of the semester was not feasible. Consequently, we have continued to work with students beyond the scope of the graduate course. As of August 2023, two of the DRs were published. Since the course ended, progress on the DRs has varied—from months of slow progress as students face remote fieldwork and heavy course workloads to months of quick draft turnarounds. To facilitate the process, in January 2023, the editor and instructor suggested that students whose DRs were not ready for publication consider including a second author on their article if they wanted more guidance and help with streamlining their writing.

If we were to attempt to scale this exercise to a larger class of 10–15 students, perhaps after the initial writing and reviewing of the articles, each student could decide if they wanted to move forward with actual publication. In a class of five students, three of whom wrote a DR, it seemed feasible that they could all publish. However, continuing to revise the articles for publication has been
a slow process. Requiring 10–15 students to publish would not be possible within the time constraints and would require working with multiple journals. Instead, just encouraging students to write and engage in peer review should make this assignment a positive experience, regardless of whether each student later gets the article published. Also, students could perhaps coauthor their DRs so that they could still gain publication experience, but with slightly less effort.

Building on the many prior experiments with incorporating publication into the classroom curriculum (Gassman et al. 2013; Romsburg 2013; Schultz et al. 2016), we have focused our own in-class experiments specifically on final publication. Through multiple rounds of peer review, and the inclusion of an outside journal editor, we have tried to show our graduate students the intricacies of publication. This has allowed us, with the simpler requirements of DRs, to take the students from start to finish within the content of one course.

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Data Availability Statement

No original data were presented in this article.

Competing Interests

Peter J. Cobb is the digital reviews editor for Advances in Archaeological Practice.

Supplemental Material

For supplemental material accompanying this article, visit https://doi.org/10.1017/aap.2023.18.

Supplemental Text 1. Digital Review Assignment Posted to the Course LMS (Canvas) Page.

REFERENCES CITED


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