

Sara Rich – ForSEADiscovery ER2
Career development plan
November 26, 2015

Summary

I have been in the position of ER2 since December 7, 2014. In this time, I have achieved a variety of goals and have met several important milestones for my career and for the project. These include the following:

- HSE Scuba certified
- Project Plans for the 2015 and 2016 timber sampling campaigns at Yarmouth Roads and Galicia
- Protected Wreck Licensee Report for the 2015 sampling campaign at Yarmouth Roads
- Timber sampling campaigns for 2015 completed in Yarmouth Roads and Galicia
- Presented research at conferences and gave invited lectures in Brussels, Jerusalem, Madrid, Glasgow, Stuttgart, Nuremberg
- Attended two semesters of courses in Spanish language
- Published one article (JASC) and four other articles are in peer review process (Antiquity, Archaeology and Text, Archaeological Dialogues, Mesolithic Miscellany)
- Academic book manuscript has been accepted for publication by Archaeopress
- Developed a blog for the project fellows to disseminate their research publicly
- Received 300 GBP to present research at the 1st European Conference on Scientific Diving (Stuttgart, April 2015)
- Draft of In-Situ Timber Sampling Protocols is prepared
- Project database is underway
- Attended workshops in Iberian shipbuilding, historical research, ArcGIS, QGIS, and SonarWiz, and have undergone training in interpreting sonar and seismic data using SonarWiz and OctoCoda
- Assisted in training off-shore developers on the treatment of artefacts
- Developed preliminary project designs for 3 new projects and a database of funding options
- Developed, received funding for (1000 GBP), and executed side project in experimental and public archaeology, having conducted 3 public workshops in relation to this project's aims.
- Developed 2-month research project at the Warburg Institute (London) and submitted application (2017)
- Two abstracts are submitted to the 2nd European Conference on Scientific Diving

1-year aims

Over the course of the next year, I aim to further develop skills in commercial archaeology, with more interaction with (potential) tenders, and in GIS cartography. I also aim to diversify my skills in timber (and other artefact) visualization, particularly through Rhino3D, RTI, and photogrammetry. While much of the last year has been spent working on skills under water, I hope that next year will see the development of skills above water: in particular in sailing. On the non-technical side, I also hope to continue developing theoretical methods for approaching and presenting nautical archaeology, particular the application of what I've been calling *'ontography* to strengthen the interface between art and archaeology, something which I hope will frame the agenda for our application to European Researchers Night 2016.

Training

Forthcoming training programs include the wood anatomy workshop (December 2015) and nautical archaeology workshop (May 2015). I also plan to attend short courses in Portsmouth on ropes,

shipbuilding, and sailing. Other training opportunities will be pursued locally at MAT in database management, GIS, RTI, and photogrammetry. During my secondment at UWTSD, I will be trained in using FaroArm and Rhino to record artefacts (namely ship timbers) in 3D, and also to strengthen skills in dendrochronological cross-dating, and in writing major project proposals (which will be due in the fall 2016). During my secondment at CSIC, I will be trained in database organization and modeling for the project and in Spanish language. I also plan to continue taking Spanish language courses at the Southampton Language College.

Conferences

Currently, there are two conferences planned for 2016: the 2nd European Conference on Scientific Diving (Kristineberg, Sweden, May 2016) and IKUWA (Australia, December 2016). Two abstracts have been submitted for the former conference.

Dissemination

On the fellows blog, I have two articles posted, one of which has formed part of the basis for an article on Yarmouth Roads which will be submitted to a peer-reviewed journal within the next month. An article on Mesolithic woodworking and public archaeology has been submitted to *Mesolithic Miscellany*, to be published in December 2015. An article stemming from my paper presented in Jerusalem, “‘Wood’ there be Context? Dendroprovenance and Double Entendres,” has been submitted to the first issue of the *Archaeology and Text*. Another article on Mesolithic woodworking and Bouldnor Cliff will be submitted to the *Journal of Environmental Archaeology* in February 2016. An article on dendroprovenancing shipwrecks with strontium isotope ratios has been submitted to *Antiquity*, and a paper on the Yarmouth Roads shipwreck, developing from the related blog post on the fellows blog and the paper presented at EAA in Glasgow, has been submitted to *Archaeological Dialogues*. The in-situ timber sampling protocols and 2015 fieldwork will be presented at the 2nd European Conference on Scientific Diving (May 2016), which will form the basis of one of the deliverables for ForSEADiscovery. Another paper on DNA sampling at Bouldnor Cliff will be proposed for this same conference. My book manuscript, *Cedar Forests, Cedar Ships: Allure, Lore, and Metaphor* has been accepted for publication by Archaeopress for release in 2016.

Teaching

I was invited to give a guest lecture on dendroprovenance at the Vrije Universiteit Brussel in April 2015, and students and instructors were very pleased with the course. Since then, I have also been asked to give lectures at the University of Southampton and at Cambridge. I have also conducted three public workshops in August 2015 on woodworking with organic tools, the last of which is set to continue into 2016 with the construction of an oak logboat at Exbury Gardens (UK), funds permitting. I hope to continue using my experience in teaching English and writing to assist the ForSEADiscovery fellows in disseminating their research online via the fellows blog (forseadiscovery.wordpress.com).

Networking

I attended the EuroDendro 2015 conference in order to network with dendrochronologists based at Arizona and Cornell (USA) and in Turkey. I also continue to work with colleagues in Cyprus and am developing ideas with them for future projects to commence in 2017. These include a correlative project between Cyprus (Tremythos River) and the UK (Solent) with a focus on post-glacial migrations and concepts of place; a correlative project between Cyprus and the UK (and possibly Galicia) on shipwreck *‘ontographies* that would involve cooperation between nautical

archaeologists and local artists; and a Cyprus tour with MAT's Maritime Bus, for which funding has been applied from the Honor Frost Foundation and which would commence in 2017.

Funding

I am currently developing applications for funding for the 2016 timber sampling campaign at Yarmouth Roads, to be submitted to RAI and Historic England. Projects currently under development will solicit funds from H2020's Individual Fellowship, Marie-Curie's Starter Grant, the Leverhulme Trust, the Heritage Lottery Fund, and the Honor Frost Foundation.