

## <CS Research Seminar Series>

-towards building research collaborations-

# “Digital Humanities: Exploring the intersections between Computer Science and the Humanities”

**Speaker:** Dr. Patricia Murrieta-Flores

**Venue:** Thornton – [Room TSU106, Building 38](#)

**Date:** Wednesday, 27<sup>th</sup> January 2016

**Time:** 14.00

**Audience:** Staff and students interested in research



### Summary:

Digital Humanities is an emergent field that uses a combination of humanities theories with information technology as the central methodology to propose, explore and answer questions in Humanities research. In the past few years, work in this field have resulted in unlikely partnerships and the exploration of some of the most exciting and difficult challenges addressed in the Humanities so far. This seminar will walk you through examples on the intersections between Computer Science and fields such as Literature, History and Archaeology. Focusing on a pilot project that investigated the use of Natural Language Processing techniques, Corpus Linguistics, and Geographic Information Systems to analyse the history of the Cholera epidemics of 19<sup>th</sup> Century England, this talk will serve as an introduction to the projects and work that will take place at the new *Digital Humanities Research Centre* that is opening at the University of Chester in 2016.

Murrieta-Flores, P., Baron, A., Gregory, I., Hardie, A., and Rayson, P. (2015) Automatically analysing large texts in a GIS environment: The Registrar General’s reports and cholera in the nineteenth century. *Transactions in GIS*. doi: 10.1111/tgis.12106.

### Speaker’s bio:

Dr. Patricia Murrieta-Flores is the Director of the Digital Humanities Research Centre, based at the History and Archaeology Department at the Faculty of Humanities of the University of Chester, UK. She holds a PhD and an MSc in Archaeological Computing from the University of Southampton. Before coming to Chester she hold positions as Senior Researcher in Digital Humanities at the History Department of Lancaster University, UK, and as Researcher at the National Institute of Anthropology and History of Mexico.

Her main interest revolves around the application of technology for the investigation of past societies and culture, and her research expertise is the field of Spatial Humanities and the use of Geographic Information Systems and Corpus Linguistics for Humanities research.

You can see some of her work at: <https://chester.academia.edu/PatriciaMurrietaFlores>.

*Treat: Tea and coffee + cookies will be served*