

Johanna M. Ullrich
johannamullrich@gmail.com
www.archaeologicalphosphates.com

20 Crans Road
Flat 6, 42 Brighton Road

Middletown, NY 10941
Rathgar, Dublin 6, Ireland

845-692-7498
011-353-87-226-2369

Education:

- November 2010- Awarded a PhD from University College Dublin, Ireland in Archaeology, “Geochemical Contributions to the Archaeological Examination of Promontory Forts: the Use of Phosphate Analysis on Achillbeg and Achill Islands, Co. Mayo”
- May 2007- Graduated from Cornell University with a MA in Archaeology (GPA 4.0), “Practical Applications of Phosphate Analysis in Household and Abandoned Settlement Archaeology: Case Studies from Ireland and New York State”
- May 2005- Graduated *Honors in Archaeology, Distinction in All Subjects, cum laude* from Cornell University (GPA 3.8) with a BA in Archaeology and certification of fluency in French

Skills:

- Well versed in archaeological planning, excavation and post-excavation protocols, including archaeological laboratory methodology for the cleaning, cataloging and analysis of artifacts
- Working knowledge of NHPA Section 106 requirements
- Skilled in teaching, lecturing and presenting at the collegiate and professional levels
- Accomplished in geoarchaeological techniques, particularly phosphate analysis
- Experienced in floral identification, wetlands delineation, wildlife survey and other environmental archaeological methodologies
- Proficient in the use of Microsoft Office software suite, and form-Z mapping software

Archaeological Fieldwork Experience:

- Summer 2008 (1 month)- Environmental analysis as a visiting specialist at the Achill Archaeological Field School
 - o Instructed students in the proper procedure for on-site soil collection, and the identification of soil types
- Summer 2007 (3 months)- Supervisor of Excavation for the Achill Archaeological Field School, Roundhouse 1 site
 - o Responsible for all excavation work, student instruction, and paperwork at the site of a prehistoric roundhouse
 - o In charge of all artifact processing for the project, including a prehistoric roundhouse and post-medieval house excavation
 - o Responsible for 12 students under my direct management
- March 2007 (1 month)- Organized and led Cornell University accredited field experience program in conjunction with the Achill Field School
- Fall 2006 (4 months)- Crew Chief on the Cornell University excavation of the pre-civil war village of Enfield Falls in Robert Treman State Park

- Responsible for excavation work, instructing students in proper excavation and planning techniques, laying out units, and maintaining accuracy of all paperwork of the team of students I supervised
- Keeping track of what all students are completing and taking notes on entire site for write-up of the yearly site report
- Personal instruction from the Director in how to properly organize and execute every step of an archaeological excavation
- Collection and Testing of soil samples for phosphate content, which located an outbuilding of the Enfield Falls Hotel
- Fall 2005 (4 months)- Crew Chief on the Cornell University excavation of the pre-civil war village of Enfield Falls in Robert Treman State Park, New York
 - Responsible for excavation work, instructing students in proper excavation and planning techniques, laying out units, and maintaining accuracy of all paperwork of the team of students I supervised
- Fall 2004 (4 months)- Crew Member on the Cornell University excavation of the pre-civil war village of Enfield Falls in Robert Treman State Park
 - Excavated several units surrounding the foundation walls of an early 19th century home and post office
 - Responsible for artifact identification and analysis included in the formal report on the site
- Summer 2003 (3 months)- Student at the Achill Archaeological Field School, Achill Island, Co. Mayo, Ireland
 - Instructed in archaeological excavation, recording and survey technique
 - Responsible for excavation work in a series of possible storage pits
- Summer 2002, January 2003, Spring 2003-Summer 2003, January 2004, Fall 2010 (18 months)- Employee, Alpine Environmental Consultants, Environmental Engineering Company
 - Responsibilities included wetland delineation, soil identification, floral identification, topographical study, botanical and geologic landscape interpretation
 - Recent work responsibilities included the production of Phase 1A Cultural Resource Management reports, archaeological site evaluation, continued planning of contract archaeological work and supervision of Phase 1B projects
- Spring-Summer 2001 (6 months)- Employee of BTK Associates, Cultural Resource Management Firm
 - Member of a field team conducting a Phase 1 and Phase 2 survey of land adjacent to the Wallkill River in Montgomery NY, site of a Leni Lenapi, Delaware Native American pre-contact village
 - Responsible for excavation work, artifacts identification and recording

Laboratory and Museum Experience:

- Summer 2008 (1 month)- Instructed students of the Achill Archaeological Field School in the proper methods of identification, classification and processing of artifacts and environmental samples as a visiting expert
- Spring 2007 (4 months)- Processing and analyzing artifacts in the Cornell University Archaeology Lab

- Oversaw and instructed students in the proper methods of artifact identification and processing
- Spring 2007 (1 months)- Organization and fabrication of display cases for the Cornell University archaeological excavation at Enfield Falls for the Enfield Falls Mill Museum
 - Chose themes and artifacts for display
 - Mounted artifacts
 - Designed signage
- Fall 2006 (4 months)- Processing and analyzing artifacts in the Cornell University Archaeology Lab
 - Cataloging and identification of artifacts
 - Preparation and processing of samples for environmental analysis
- Spring 2006 (4 months)- Teaching Assistant to Prof. Sherene Baugher for class LA 262, Lab in Landscape Archaeology
 - Instruction of students in artifact washing, recording, labeling, sorting, identification, and analysis
 - Ran a weekly open lab, keeping track of paperwork, artifacts, and quality of student efforts
 - Responsible for labeling, reconstruction and study of distribution of ceramics found at Wickham House in Enfield Falls
- Spring 2005 (4 months)- Conducted study of melted glass conglomerates recovered from the Cornell University run excavation at Enfield Falls of a house destroyed by fire
 - Analysis of artifacts, and assemblage patterns to determine where the fire began, how it spread and the use of the different rooms in the house evident from the foundation walls
- Summer 2004 (3 months)- Volunteer in the Achill Archaeological Field School Laboratory
 - Washing, sorting, recording and analysis of metal artifacts
 - Responsible for conservation efforts
- Spring 2004 (4 months)- Student in Cornell University class LA 262 Lab in Landscape Archaeology
 - Instructed in proper handling and identification of artifacts pertaining to the settlement and subsequent historic periods of the Northeastern United States
 - Required to complete analytical study of assemblage from Cornell University run excavation at Enfield Falls

Geoarchaeological Experience:

- Fall 2011- Boyne River Landscape Project at UNESCO World Heritage Site Archaeological Ensemble of the Bend of the Boyne, UCD School of Archaeology
 - Hired to perform phosphate analysis on henges in the Boyne Valley in conjunction with a geophysical component
- Summer 2011- Glendalough Field School, UCD School of Archaeology
 - Supervised and performed geophysical survey techniques, including earth resistance survey and magnetometer survey
 - Performed phosphate analysis at the Upper Lake at Glendalough

- Summer 2011- Dunsinane 3 Excavation, Thames Valley Archaeological Services,
 - o Performed phosphate analysis on an early Neolithic house, Co. Wexford, Ireland
- Spring 2011- Boyne River Landscape Project at UNESCO World Heritage Site Archaeological Ensemble of the Bend of the Boyne, UCD School of Archaeology
 - o Supervised phosphate analysis protocols on Rossnaree and Raystown early medieval enclosure sites, Co. Meath, Ireland
- Summer 2010- French Azilum Research Project, Cornell University
 - o Performed phosphate analysis on aristocratic French and Haitian slave Colonial settlement site, French Azilum, Pennsylvania
- Summer 2010- Slievemore Prehistoric Landscape Research Initiative, Achill Archaeological Field School
 - o Performed phosphate analysis on a Bronze Age roundhouse and prehistoric hut sites, Co. Mayo, Ireland
- Fall- Summer 2009, Fall-Summer 2008- PhD research, UCD School of Archaeology
 - o Performed phosphate analysis on a samples set of promontory forts, Co. Mayo, Ireland
- Summer-Fall 2007- Belderrig excavation, Prehistoric Landscapes of North Mayo, UCD School of Archaeology
 - o Performed phosphate analysis spot testing according to the Eidt and Wood (1974) protocol, the Bjelajac *et al.* (1996) protocol and the Modified protocol I developed for comparative purposes
- Fall 2006- MA research, Cornell University
 - o Performed phosphate analysis on a pre-civil war hotel site, Enfield Falls, New York
- Summer 2006- MA research, Cornell University
 - o Performed phosphate analysis on two Bronze Age roundhouses, Co. Mayo, Ireland
- Spring 2006- Phosphate testing with Prof. Johannes Lehmann of the Cornell University Crops and Soils Lab
 - o Served as a tutorial for work on my MA planned for the summer
 - o Tested samples taken from the Cornell University excavation at Enfield Falls, surrounding the General Store

Publications:

- 2012 (*Forthcoming*) Geochemistry, Archaeology and Reinterpreting Promontory Forts. In *Archaeological Review from Cambridge 27.1*
- 2012 (*Forthcoming*) Assessing Interior and Exterior Divisions of Space using Phosphate Patterning. In *Assemblage 12*
- Spring 2011 Utility and Symbolism on Achill Island Promontory Forts: Gubadoon and Dun Bunnafahy. In *Achill Archaeological Field School 20th Anniversary Monograph 2011*
- Fall 2010 Geochemical Contributions to the Archaeological Examination of French Azilum, PA. As an appendix to Dr. Maureen Costura's PhD Thesis *French Azilum: Crossroad of Revolutions, Cornell University*

- Fall 2010 The Application of Phosphate Analysis Techniques on an Irish Coastal Monument Complex. In *Proceedings of the Association of Young Irish Archaeologists Conference 2010*
- Summer 2010 Geochemical Contributions to the Archaeological Examination of a Bronze Age Roundhouse. As a component of the *Site Report for the 2010 excavation season at Roundhouse 2, Achill Archaeological Field School*
- Spring 2009 Dating and analysis of shell casings recovered from the Enfield Falls excavations. As a component of the *Site Report for the 2005 season of excavation at Enfield Falls, Cornell University*
- Spring 2007 Analysis of melted glass conglomerates and analysis of composite cutlery. As components of the *Site Report for the 2002 season of excavation at Enfield Falls, focused on the Tryon House, Cornell University*

Teaching Experience:

University College Dublin

- Fall 2011: TA for ARCH20100 Archaeological Fieldwork
- Spring 2011: Supervisor for MA students in Archaeology
- Fall 2010: TA for ARCH20070 Environmental Archaeology

National University of Ireland, Galway and the Achill Archaeological Field School

- Summer 2010: Instructor of a 3-day workshop on phosphate analysis
- Summer 2007: Co-lecturer for SU409 Introduction to Irish Archaeology
Co-lecturer for SU410 Archaeological Field Studies

Cornell University

- Spring 2007: Created and led a 10-day archaeological field school under ARKEO 300 Independent Study, which included teaching classes in Irish prehistory, leading tours of historical sites and instructing students in archaeological methodologies
- Fall 2006: TA for LA 261 Urban Archaeology
Grader for NES 268 Ancient Egyptian Civilization
- Spring 2006: TA for LA 262 Lab in Landscape Archaeology
- Fall 2005: TA for LA 261 Urban Archaeology

Lecture and Presentation Experience:

- Summer 2011: Presenter at the Achill Field School 20th Anniversary Conference
- Spring 2011: Presenter at the Institute of Archaeologists of Ireland Spring Conference
- Spring 2011: Presenter at the Soil Science Society of Ireland Annual Conference
- Spring 2011: Presenter at the Society for Historical Archaeology Conference
- Summer 2010: Guest Lecturer for the Achill Archaeological Field School Lecture Series
- Spring 2010: Presenter at the Association of Irish Archaeologists Conference
- Spring 2010: Presenter at the Association of Young Irish Archaeologists Conference
- Fall 2008: Presenter at the UCD School of Archaeology Graduate Seminar Series
- Fall 2008: Guest Lecturer for ARCH 30110 Geoarchaeology
- Spring 2008: Presenter at the UCD School of Archaeology Graduate Seminar Series
- Summer 2007: Guest Lecturer for the Achill Archaeological Field School Lecture Series