

Dr Raymond Ruhaak

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EDUCATION

- Dec 2018 *Doctorate of Philosophy in Geography*, University of Liverpool, Liverpool, UK.
 - Dec 2011 *Masters of Literature in Medieval Studies*, University of Aberdeen, Aberdeen, UK.
 - May 1998 *Bachelor of Science in Special Education*, Southern Illinois University-Carbondale, Carbondale, IL U.S.A.
 - Dec 1992 *Bachelor of Arts in Sociology*, Eastern Illinois University, Charleston, IL U.S.A.
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RECENT EMPLOYMENT

- Dec-May 2019: Demonstrator in ENVS 389- Climate Change: A Critical Review, University of Liverpool, UK.
- Oct-Feb 2018: Consultant through Liverpool Doctoral College, University of Liverpool- Development of Student Employment Program. Open Awards, Speke, UK.
- Apr-May 2016: Consultant through Liverpool Doctoral College, University of Liverpool- Case Study Analysis of client circumstances, needs and services rendered. ADDvanced Community Services Inc., Speke, UK.
- Sep-Dec 2016/ Sep-Dec 2014: Demonstrator in ENVS 120-Experiments in Physical Geography; Taught research module sessions in pollen evidence, and dendrochronology as well as offered guidance on eight other physical geography research sessions; University of Liverpool, UK.

PUBLICATIONS

- Ruhaak,R. (2019) *An Alternative Black Death Narrative for Ireland: ecological and socio-economic divides on the medieval European frontier*. Journal of the North Atlantic 2019(39): 1-16.
- Ruhaak,R. in press -expected May 2020. *An Analysis of What Fostered Resilience of the Irish Sea Area Gaels and the Bedouin of the Mamluk Frontier leading up to Black Death*. B.J. Walker and A. Al Ghouz (Eds.) Living with Nature and Things.
- Ruhaak,R. expected early 2020. *The Crusades and the Development of Risk of Black Death in the Mamluk Empire*. B.J. Walker and A. Al Ghouz (Eds.) Studies of the Annemarie Schimmel Kolleg 'History and Society during the Mamluk Era.'

Forthcoming papers:

- Ruhaak,R. *A Re-Evaluation of the Environmental and Biological Foundation of the Historical Black Death Narrative: An analysis of the basis of the Gasquet's foundational Black Death narratives in the context of ecological and biological evidence of the pandemic*
- Ruhaak,R. *Using a Comprehensive Interdisciplinary Approach to Assess Vulnerability & Resilience to Past Epidemics to Avoid Field-specific 'Blind-spots'*.
- Ruhaak,R., Kimaro,D.N., and Mtoi,P. *The Relationship of Socio-economic and Knowledge System Changes and the Patterns of Human Vulnerability for a Zoonotic Infectious Disease Epidemic: An assessment of the Plague in Lushoto, Tanzania*.
- Ruhaak,R., Nedashkovsky,L., Cui,X, and D'Amore, R. *The development of Issyk-Kul (Kyrgyz Republic) and Qinghai Lake (China) regions in becoming centres of Yersinia pestis diversity in the advancement of the Second Pandemic: A comparative analysis of the two regions using risk factors for a zoonosis*.
- Ruhaak,R., Nedashkovsky,L., Cui,X, and D'Amore, R. *The Expansion of the Mongol Empire through unprecedentedly large herds, landscape change, and the spreading of Yersinia pestis animal reservoirs before Black Death*

PRIMARY AWARDS & ACHIEVEMENTS

- Nov 2012-Apr 2013: DYNAMITE Fund/ERAMUS-University of Lund, Sweden-training and research in Palaeoecological Research
- Oct 2010-June 2012: Institute of Irish Studies Fund, University of Liverpool, Liverpool, England
- 2006-2007: Organiser of a successful signature campaign for Hok Tek T'oi Wichi community's land rights and was a liaison for medical/health and social support services for the community in Salta, Argentina
- Teacher of the Year 1999, Chicago Metro area (Sam's Club/Walmart Award)

REFERENCES

Available upon Request