

EVANGELOS I. KRITSOTAKIS, PhD, FHEA, CStat

Brief Academic CV

February 2022

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ACADEMIC APPOINTMENTS

- 2019-now **Associate Professor of Biostatistics**
Division of Social Medicine, School of Medicine, University of Crete, GR.
- 2019-now **Honorary Senior Lecturer**, School of Health & Related Research, Faculty of Medicine, Dentistry & Health, University of Sheffield, UK.
- 2014-18 **Tenured Lecturer (Assistant Professor) in Epidemiology & Medical Statistics**
Section of Public Health, School of Health & Related Research (SchARR), Faculty of Medicine, Dentistry & Health, University of Sheffield, UK.
- 2012-14 **Honorary Lecturer in Biostatistics**
Laboratory of Biostatistics, Division of Social Medicine, School of Medicine, University of Crete, GR.
- 2008-13 **Adjunct Assistant Professor of Statistics**
School of Health and Social Welfare, Technological Educational Institute of Crete, GR.
- 2010-11 **Research Fellow, Infectious Diseases Unit**
Division of Internal Medicine, School of Medicine, University of Crete, GR.
- 2007-08 **Research Associate, Laboratory of Clinical Bacteriology, Parasitology, Zoonoses and Geographical Medicine**, School of Medicine, University of Crete, GR.
- 2001-07 **Adjunct Lecturer / Scientific & Lab Collaborator in Statistics & Financial Mathematics**
Technological Educational Institute of Crete, GR.

HONOURS & AWARDS

- 2018 **Chartered Statistician (CStat), Royal Statistical Society, UK.**
Highest professional award by the Royal Statistical Society, formally recognizing statistical qualifications and professional training and experience.
- 2017 **Fellow of the Higher Education Academy (FHEA), Advanced HE, UK.**
Professional recognition of attainment against the UK Professional Standards Framework (UKPSF) for teaching in higher education based on independent evaluation of teaching practice & portfolio.
- 2009 **William Jarvis Award 2009, Society for Healthcare Epidemiology of America, USA.**
In acknowledgement of research contribution in hospital epidemiology and infection control.

ACADEMIC QUALIFICATIONS

- 2017 **PGCert in Learning & Teaching in Higher Education**
School of Education, Faculty of Social Sciences, University of Sheffield, UK.
- 2007 **PhD Healthcare Epidemiology**
School of Medicine, Faculty of Health Sciences, University of Crete, GR.
- 2005 **PGCert International Course in Applied Epidemiology**
Rollins School of Public Health, Emory University and CDC, USA.
- 2000 **MSc Statistics & Operational Research**
Department of Mathematical Sciences, Faculty of Science and Health, University of Essex, UK.
- 1998 **BSc(Hons) Mathematics**
Department of Mathematics, School of Sciences & Engineering, University of Crete, GR.

RESEARCH

My research focus is on statistical and epidemiological principles and methods for the design and analysis of clinical research in healthcare epidemiology. My record includes population-based studies of disease burden, prognostic research and clinical prediction models, quasi-experimental time series studies, systematic reviews, meta-analyses and epidemiological surveillance designs with special interest on healthcare-associated infections, multi-drug resistant pathogens and antimicrobial drugs.

Bibliometric indices:

- Papers in international refereed journals and collective volumes: n = 46 (cum. impact factor: 167).
- First, second or last – author papers: n = 38 (83%).
- Times cited > 1340; h-index = 21; i10-index = 27 (Google Scholar, since 2007).

PUBLICATIONS

(* = corresponding author)

In International Refereed Journals:

46. Kokkinakis S, [Kritsotakis EI](#), Maliotis N, Karageorgiou I, Chrysos E, Lasithiotakis K*. Complications of modern pancreaticoduodenectomy: A systematic review and meta-analysis. **Hepatology & Pancreatic Diseases International** 2022; In press.
45. Karakonstantis S, Ioannou P, [Kritsotakis EI](#)*. Co-isolates of *Acinetobacter baumannii* complex in polymicrobial infections: a meta-analysis. **Access Microbiology** 2022; DOI:10.1099/acmi.0.000348.
44. Stavrakakis IM, [Kritsotakis EI](#), Giannoudis PV, Kapsetakis P, Dimitriou R, Bastian JD, Tosounidis TH*. Sciatic nerve injury after acetabular fractures: A meta-analysis of incidence and outcomes. **European Journal of Trauma and Emergency Surgery** 2022. DOI: [10.1007/s00068-022-01896-0](https://doi.org/10.1007/s00068-022-01896-0).
43. Durojaiye OC*, Morgan R, Chelaghma N, [Kritsotakis EI](#). Clinical predictors of outcome in patients with infective endocarditis receiving outpatient parenteral antibiotic therapy (OPAT). **Journal of Infection** 2021; 83(6):644-649. PMID: [34614400](https://pubmed.ncbi.nlm.nih.gov/34614400/). DOI: [10.1016/j.jinf.2021.09.021](https://doi.org/10.1016/j.jinf.2021.09.021).
42. Karakonstantis S*, [Kritsotakis EI](#). Systematic review and meta-analysis of the proportion and associated mortality of polymicrobial (vs monomicrobial) pulmonary and bloodstream infections by *Acinetobacter baumannii* complex. **Infection** 2021; 49(6):1149-1161. PMID: [34260054](https://pubmed.ncbi.nlm.nih.gov/34260054/). DOI: [10.1007/s15010-021-01663-0](https://doi.org/10.1007/s15010-021-01663-0).
41. Durojaiye OC*, Morgan R, Chelaghma N, Palit J, Keil C, Omer R, Cartwright K, [Kritsotakis EI](#). External validity and clinical usefulness of a risk prediction model for 30-day unplanned hospitalisation in patients receiving outpatient parenteral antimicrobial therapy. **Journal of Antimicrobial Chemotherapy** 2021; 76: 2204-2212. PMID: [33895844](https://pubmed.ncbi.nlm.nih.gov/33895844/). DOI: [10.1093/jac/dkab127](https://doi.org/10.1093/jac/dkab127).
40. Wang J, Zhou M, Hesketh T, [Kritsotakis EI](#)*. Mortality associated with third generation cephalosporin-resistance in *Enterobacteriaceae* infections: a multicentre cohort study in Southern China. **Expert Review of Anti-infective Therapy**, April 2021. PMID: [33836130](https://pubmed.ncbi.nlm.nih.gov/33836130/). DOI: [10.1080/14787210.2021.1915767](https://doi.org/10.1080/14787210.2021.1915767). Preprint at [medRxiv 2020.09.11.20192575](https://medrxiv.org/abs/2020.09.11.20192575).
39. Karakonstantis S*, [Kritsotakis EI](#), Gikas A. Is pandrug-resistance in *A. baumannii* a transient phenotype? Epidemiological clues from a 4-year cohort study at a tertiary referral hospital in Greece. **Journal of Chemotherapy**, 2021; 33(5):354-357. PMID: [33124498](https://pubmed.ncbi.nlm.nih.gov/33124498/). DOI: [10.1080/1120009X.2020.1839689](https://doi.org/10.1080/1120009X.2020.1839689).
38. Karakonstantis S, Gikas A, Astrinaki E, [Kritsotakis EI](#)*. Excess mortality due to pandrug-resistant *Acinetobacter baumannii* infections in hospitalized patients. **Journal of Hospital Infection** 2020; 106(3):447-453. PMID: [32927013](https://pubmed.ncbi.nlm.nih.gov/32927013/). DOI: [10.1016/j.jhin.2020.09.009](https://doi.org/10.1016/j.jhin.2020.09.009).
37. Karakonstantis S*, [Kritsotakis EI](#), Gikas A. Treatment options for *K. pneumoniae*, *P. aeruginosa* and *A. baumannii* co-resistant to carbapenems, aminoglycosides, polymyxins and tigecycline: an approach based on the mechanisms of resistance to carbapenems. **Infection** 2020; 48(6):835-851. PMID: [32875545](https://pubmed.ncbi.nlm.nih.gov/32875545/). DOI: [10.1007/s15010-020-01520-6](https://doi.org/10.1007/s15010-020-01520-6).
36. [Kritsotakis EI](#)*. On the importance of population-based serological surveys of SARS-CoV-2 without overlooking their inherent uncertainties. **Public Health in Practice** 2020; 16.05.2020. PMID: [34171042](https://pubmed.ncbi.nlm.nih.gov/34171042/). DOI: [10.1016/j.puhip.2020.100013](https://doi.org/10.1016/j.puhip.2020.100013).

35. Black M*, Barnes A, Baxter S, Beynon C, Clowes M, Dallat M, Davies A, Furber A, Goyder E, Jeffery C, [Kritsotakis EJ](#), Strong M. Learning across the UK: A review of public health systems and policy approaches to early child development since national devolution. *Journal of Public Health (Oxf)* 2020; 42(2): 224-238. PMID: [30799501](#). DOI: [10.1093/pubmed/fdz012](#).
34. Nunn SPT*, [Kritsotakis EJ](#), Harpin V, Parker J. Social gradients in the receipt of medication for attention-deficit hyperactivity disorder in children and young people in Sheffield. *BJPsych Open* 2020; 6(2):e14. PMID:[32029022](#). DOI: [10.1192/bjo.2019.87](#).
33. Karakonstantis S, [Kritsotakis EJ](#), Gikas A*. Pandrug-resistant Gram-negative bacteria. A systematic review of definitions, epidemiology, prognosis and treatment. *Journal of Antimicrobial Chemotherapy* 2020; 75: 271–282. PMID: [31586417](#). DOI: [10.1093/jac/dkz401](#).
32. [Kritsotakis EJ*](#), Groves-Kozhageldiyeva A. A systematic review of the global seasonality of infections caused by *Acinetobacter* species in hospitalized patients. *Clinical Microbiology and Infection* 2020; 26(5):553-562. PMID: [31586659](#). DOI: [10.1016/j.cmi.2019.09.020](#)
31. El Jassar OG*, El Jassar IN, [Kritsotakis EJ](#). Assessment of quality of information available over the internet about vegan diet. *Nutrition & Food Science* 2019; 49(6):1142-1152. DOI: [10.1108/NFS-02-2019-0044](#).
30. Durojaiye OC*, [Kritsotakis EJ](#), Johnston P, Kenny T, Ntziora F, Cartwright K. Developing a Risk Prediction Model for 30-Day Unplanned Hospitalisation in Patients Receiving Outpatient Parenteral Antimicrobial Therapy. *Clinical Microbiology and Infection* 2019; 25(7):905.e1-905.e7. PMID: [30502491](#). DOI: [10.1016/j.cmi.2018.11.009](#).
29. Black M*, Karki J, Lee ACK, Makai P, Baral YR, [Kritsotakis EJ](#), Bernier A, Fossier Heckmann S. The health risks of informal waste workers in the Kathmandu Valley: a cross-sectional survey. *Public Health* 2019;166:10-8. PMID:[30419409](#). DOI:[10.1016/j.puhe.2018.09.026](#)
28. [Kritsotakis EJ*](#), Astrinaki E, Messaritaki A, Gikas A. Implementation of multimodal infection control and hand hygiene strategies in acute-care hospitals in Greece: a cross-sectional benchmarking survey. *American Journal of Infection Control* 2018; 46(10): 1097-1103. PMID: [29778434](#). DOI: [10.1016/j.ajic.2018.04.217](#).
27. Durdu B, [Kritsotakis EJ*](#), Lee ACK, Torun P, Hakyemez IN, Gultepe B, Aslan T. Temporal trends and patterns in antimicrobial resistant Gram-negative bacteria implicated in intensive care unit-acquired infections: a cohort-based surveillance study in Istanbul, Turkey. *Journal of Global Antimicrobial Resistance* 2018; PMID: [29751127](#) DOI: [10.1016/j.jgar.2018.04.015](#)
26. Samuelson C*, Kaur H, [Kritsotakis EJ](#), Goode SD, Nield A, Partridge D. A daily topical decontamination regimen reduces catheter-related bloodstream infections in haematology patients. *Journal of Infection* 2018;76(2):132-139. PMID: [29126814](#) DOI: [10.1016/j.jinf.2017.10.014](#).
25. [Kritsotakis EJ*](#), Kontopidou F, Astrinaki E, Roubelaki M, Ioannidou E, Gikas A. Prevalence, incidence burden, and clinical impact of healthcare-associated infections and antimicrobial resistance: a national prevalent cohort study in acute care hospitals in Greece. *Infection and Drug Resistance* 2017; 10:317-328. PMID: [29066921](#) DOI: [10.2147/IDR.S147459](#).
24. [Kritsotakis EJ*](#). Re: Hormonal contraception use among teenagers linked to depression - Yet another example of a never ending confusion between relative and absolute risks? *British Medical Journal* (BMJ) 2016;354:i5289 (Published 9 November 2016). Available at: <http://www.bmj.com/content/354/bmj.i5289/rr-1> (Letter to Editor)
23. Tsioutis C*, [Kritsotakis EJ](#), Karageorgos SA, Stratakou S, Psarologakis C, Kokkini S, Gikas A. Clinical epidemiology, treatment and prognostic factors of extensively drug-resistant *Acinetobacter baumannii* ventilator-associated pneumonia in critically ill patients. *International Journal of Antimicrobial Agents* 2016; 48(5):492-497. PMID: [27542315](#) DOI: [10.1016/j.ijantimicag.2016.07.007](#)
22. Kleisaris CF, [Kritsotakis EJ*](#), Daniil Z, et al. Assessing the risk of obstructive sleep apnoea-hypopnoea syndrome in elderly home care patients with chronic multimorbidity: a cross-sectional screening study. *SpringerPlus* 2016;5:34. PMID: [26788446](#) DOI: [10.1186/s40064-016-1672-0](#)
21. Kleisaris CF*, [Kritsotakis EJ](#), Daniil Z, Tzanakis N, Papaioannou A, Gourgoulidis KI. The prevalence of obstructive sleep apnea-hypopnea syndrome-related symptoms and their relation to airflow limitation in an elderly population receiving home care. *International Journal of Chronic Obstructive Pulmonary Disease* 2014;9:1111-7. PMID: [25336942](#) DOI: [10.2147/COPD.S67779](#)
20. Chaliotis G, [Kritsotakis EJ](#), Psaroulaki A, Tselentis Y, Gikas A*. Murine typhus in central Greece: epidemiological, clinical, laboratory and therapeutic-response features of 90 cases. *International Journal of Infectious Diseases* 2012; 16:e591–e596. PMID: [22658872](#) DOI: [10.1016/j.ijid.2012.03.010](#)

19. [Kritsotakis EI*](#), Tsioutis C, Roubelaki M, Christidou A, Gikas A. Antibiotic use and the risk of carbapenem-resistant extended-spectrum- β -lactamase-producing *Klebsiella pneumoniae* infection in hospitalized patients: results of a double case-control study. *Journal of Antimicrobial Chemotherapy* 2011; 66(6):1383-91. PMID: [21454344](#) DOI: [10.1093/jac/dkr116](#)
18. Kalaitzaki AE*, Birtchnell J, [Kritsotakis EI](#). The associations between negative relating and aggression in the dating relationships of students from Greece. *Partner Abuse* 2010; 1(4):420-42. DOI: [10.1891/1946-6560.1.4.420](#)
17. Gikas A*, Roubelaki M, Bagatzouni-Pieridou D, Alexandrou M, Zinieri V, Dimitriadis I, [Kritsotakis EI](#). Device-associated infections in the intensive care units of Cyprus: results of the first national incidence study. *Infection* 2010; 38(3):165-171. PMID: [20224963](#) DOI: [10.1007/s15010-010-0007-2](#)
16. Tsioutis C, [Kritsotakis EI](#), Maraki S, Gikas A*. Infections by pandrug-resistant gram-negative bacteria: clinical profile, therapeutic management, and outcome in a series of 21 patients. *European Journal of Clinical Microbiology and Infectious Diseases* 2010; 29(3):301-5. PMID: [20063025](#) DOI: [10.1007/s10096-009-0857-7](#)
15. [Kritsotakis EI](#), Christidou A, Roubelaki M, Tselentis Y, Gikas A*. The dynamic relationship between antibiotic use and the incidence of vancomycin-resistant Enterococcus: time-series modelling of 7-year surveillance data in a tertiary-care hospital. *Clinical Microbiology and Infection* 2008; 14(8): 747–754. PMID: [18727798](#) DOI: [10.1111/j.1469-0691.2008.02026.x](#)
14. [Kritsotakis EI*](#), Dimitriadis I, Roubelaki M, et al. Case-mix adjustment approach to benchmarking prevalence rates of nosocomial infection in hospitals in Cyprus and Greece. *Infection Control and Hospital Epidemiology* 2008; 29(8):685-692. PMID: [18643744](#) DOI: [10.1086/588704](#)
13. Roubelaki M, [Kritsotakis EI](#), Tsioutis C, Tzilepi P, Gikas A*. Surveillance of surgical site infections at a tertiary-care hospital in Greece: Incidence, risk factors, microbiology and impact. *American Journal of Infection Control* 2008; 36(10):732-738. PMID: [18834729](#) DOI: [10.1016/j.ajic.2007.11.009](#)
12. Hatzakis KD*, [Kritsotakis EI](#), Karadimitri SA, Sikioti TD, Androulaki ZD. Community cardiopulmonary resuscitation training in Greece. *Research in Nursing & Health* 2008; 31(2):165-171. PMID: [18183565](#) DOI: [10.1002/nur.20244](#)
11. Gikas A*, [Kritsotakis EI](#), Maraki S, et al. A nosocomial, foodborne outbreak of *Salmonella Enterica* serovar Enteritidis in a University hospital in Greece: the importance of establishing HACCP systems in hospital catering. *Journal of Hospital Infection* 2007;66(2):194-6. PMID: [17482719](#) DOI: [10.1016/j.jhin.2007.03.001](#).
10. Dima S, [Kritsotakis EI](#), Roubelaki M, et al. Device-associated nosocomial infection rates in intensive care units in Greece. *Infection Control & Hospital Epidemiology* 2007;28(5):602-5. PMID: [17464924](#) DOI: [10.1086/513618](#)
9. [Kritsotakis EI](#), Assithianakis P, Kanellos P, Tzagarakis N, Ioannides MC, Gikas A*. Surveillance of monthly antimicrobial consumption rates stratified by patient-care area: a tool for triggering and targeting antibiotic policy changes in the hospital. *Journal of Chemotherapy* 2006; 18(4):394-401. PMID: [17024795](#) DOI: [10.1179/joc.2006.18.4.394](#)
8. [Kritsotakis EI](#) and Gikas A*. Surveillance of antibiotic use in hospitals: methods, trends and targets. *Clinical Microbiology and Infection* 2006; 12:701-704. (Editorial Review). PMID: [16842564](#). DOI: [10.1111/j.1469-0691.2006.01415.x](#)
7. Gikas A*, Christidou A, Scoulica E, et al. Epidemiology and molecular analysis of intestinal colonization by vancomycin-resistant enterococci in Greek hospitals. *Journal of Clinical Microbiology* 2005; 43(11):5796-99. PMID: [16272524](#) DOI: [10.1128/JCM.43.11.5796-5799.2005](#)
6. Hatzakis KD*, [Kritsotakis EI](#), Angelaki HP, Tzanoudaki IK, Androulaki Z. First Aid knowledge among industry workers in Greece. *Industrial Health* 2005;43:327-332. PMID: [15895848](#) DOI: [10.2486/indhealth.43.327](#)

In Refereed Collective Volumes:

5. [Kritsotakis EI*](#). Distinguishing between Confounders and Effect Modifiers using Stratified Analysis and Logistic Regression. A Case Study in Healthcare Epidemiology. *SAGE Research Methods Cases* 2020. DOI: [10.4135/9781529735024](#).
4. Chronaki CE*, Berthier A, Bestier S, Kontoyiannis V, Matsakis Y, del Mar Lleo M, Gikas A, [Kritsotakis EI](#), Braak L. Satellite-enabled applications for health early warning in public health after a disaster: experience from a readiness exercise. In: P. Cunningham and M. Cunningham (eds): *Collaboration*

and the Knowledge Economy: Issues, Applications, Case Studies, IOS Press, Amsterdam, 2008, pp. 146-154, ISBN 978-1-58603-924-0. [PDF](#).

Acknowledged Contributions as Collaborating Member in Large Research Groups:

3. Alper BS et al; [COVID-19 Knowledge Accelerator \(COKA\) Initiative](#). Making science computable: Developing code systems for statistics, study design, and risk of bias. *Journal of Biomedical Informatics* 2021; 115: 103685. PMID: [33486066](#)_ DOI: [10.1016/j.jbi.2021.103685](#).
2. Walter J, et al; [ECDC PPS Study Group](#). Healthcare-associated pneumonia in acute care hospitals in European Union/European Economic Area countries: an analysis of data from a point prevalence survey, 2011 to 2012. *Euro Surveillance* 2018;23(32). PMID: [30107871](#). DOI: [10.2807/1560-7917.ES.2018.23.32.1700843](#).
1. Rosenthal VD et al; [INICC Consortium report, data summary of 43 countries for 2007-2012. Device-associated module](#). *American Journal of Infection Control* 2014; 42(9):942-56. PMID: [25179325](#). DOI: [10.1016/j.ajic.2014.05.029](#). Author Erratum in: *AJIC* 2015; 43(7): 779-83. DOI:[10.1016/j.ajic.2015.03.001](#).

Other publications:

- # Articles in peer-reviewed national journals (written in Greek): **1**
- # Peer-reviewed abstracts with poster presentation in conferences, international: **30**, national: **12**
- # Main author of research protocols and project reports: **8**
- # International research protocols with acknowledged contribution in study groups: **2**
- # Book reviews: **1**

FUNDED RESEARCH PROJECTS (Selection)

Project Title	Funding source	Period	Role
Seroepidemiological survey of SARS-CoV-2 (COVID-19 infection) in the general population of Crete, Greece (Med. School, University of Crete)	Region of Crete, €100,000	2020-21 (May-Feb.)	Co-investigator
Multilevel analysis of regional variation in the prevalence of antimicrobial use in acute-care hospitals in Greece (Med. School, University of Crete)	University of Crete, €1,000	2020 (Jan.-Apr.)	Principal investigator
Comparative systems review and thematic policy analysis of public health across the four constituent countries of the UK (SchARR, University of Sheffield)	The Health Foundation (UK), £80,000	2017-18	Co-investigator
Design of a multicentre cohort study to assess the burden and impact of multidrug-resistant Gram-negative bacteria in critically ill patients in Istanbul, Turkey (SchARR, University of Sheffield)	University of Sheffield Internal Prize, £2,000	2016-18	Principal investigator
EU point-prevalence survey of healthcare-associated infections and antimicrobial use in acute care hospitals 2011-12 and 2016-2017: Implementation in Greece (Med. School, University of Crete)	European CDC and Hellenic CDC (KEELPNO)	2015-17	National Coordination Team Member
RURAL: Identifying the environmental perception of the Cretan rural population and the parameters that shape it. (School of Agriculture, TEI of Crete)	Archimedes III OP, Greek Ministry of Education.	2013-15	Consultant Statistician
Cross-border Network of Epidemiologic Surveillance and Control of Hospital-Acquired Infections and Healthcare Quality Assurance in Crete-Greece and Cyprus (Med. School, University of Crete)	European Regional Development Fund (Interreg IIIA), €353,000	2007-08	Research Fellow
SAFE: Satellites for Epidemiology and Health Early Warning (Foundation for Research & Technology Hellas - FORTH)	European Space Agency	2007	Research Associate

TEACHING

- 2021-ong. **University of Athens, School of Medicine & Department of Mathematics**
Leading the core module on *Survival Data Analysis* on the MSc programme in Biostatistics (co-teaching with C. Thomadakis).
- 2019-ong. **University of Crete, School of Medicine**
Co-leading the core module of *Biostatistics* on the undergraduate BMed programme (co-teaching with G. Chlouverakis), leading *Biostatistics and Research Methodology* on the MSc in Surgical Science, leading *Biostatistics-I* and co-leading *Biostatistics-II* on the Master of Public Health, Primary Care & Health Services (MPH programme). Guest lecturing on *Research Methodology* (MPH) and *Infectious Disease Surveillance* (MPH programme).
- 2019-21 **University of Sheffield, School of Health and Related Research**
Guest lectures on *Epidemiology* and *Communicable Disease Control* on the Master's programme in Public Health.
- 2014-18 **University of Sheffield, School of Health and Related Research**
Lead for *Introductory Statistics and Epidemiology* (MBChB), Lead for *Epidemiology-online* (Master of Public Health – Distance Learning), Lead for *Introduction to Statistics for Clinical Research* (MSc Clinical Research) and teaching contributions to *Statistics and Critical Appraisal*, *Epidemiology*, and *Communicable Disease Control* (Master of Public Health, MSc in Clinical Research).
- 2004-14 **University of Crete, School of Medicine**
Developed and taught 12-hour seminar on data analysis using SPSS as part of the *Biostatistics* module (BMed), 2012-2014. Contributed to the teaching of *Surveillance of Infectious Diseases* and *Epidemiological Methods for Infectious Diseases* on the MSc in Public Health & Health Care Management, 2004-2010.
- 2001-13 **Technological Educational Institute of Crete, School of Health & Social Welfare**
Biostatistics, Department of Nursing, 2008-13 (module lead), *Statistics*, Department of Social Work, 2007-13 (module lead), *Statistics with SPSS*, Department of Social Work, 2004-07 (lab coordinator & tutor), *Biometry*, Department of Nursing, 2001-03 (module lead).
- 2003-13 **Technological Educational Institute of Crete, School of Agricultural Technology**
Biomathematics, 2003-05, 2007-08, 2012-13 (Excel lab tutor).
- 2001-06 **Technological Educational Institute of Crete, School of Management and Economics**
Business Statistics, 2001-04 (co-instructor), *Mathematics of Finance*, 2001-03 (co-instructor), *Financial Management*, 2003-06 (tutor).
- 2002-05 **Technological Educational Institute of Crete, Department of Informatics Engineering**
Quality Assurance & Statistical Quality Control, 2002-04 and *Simulation*, 2004-05 (module lead).

SUPERVISION OF RESEARCH STUDENTS

PhD Students:

- 2022-ong. **Stamatis Kokkinakis**, MD, MSc. A multicenter comparison of surgical risk prediction tools for emergency laparotomies in Greece. School of Medicine, University of Crete.
Supervisors: K. Lasithiotakis (main), E. Kritsotakis, E. Chryssos.
- 2022-ong. **Georgia Petra**, MD, MSc. A prospective observational comparative analysis of preoperative malnutrition screening tools in general surgery. School of Medicine, University of Crete.
Supervisors: K. Lasithiotakis (main), E. Kritsotakis, E. Chryssos.
- 2021-ong. **Andreas Kontogiannis**, MD. The profile of violent deaths in relation to major political-financial changes in the last 35 years: A forensic investigation in the Region of Crete. School of Medicine, University of Crete. Supervisors: E. Kranioti (main), C. Spiliopoulou, E. Kritsotakis.
- 2019-ong. **Stamatis Karakonstantis**, MD, MRes. Epidemiology, prognosis and treatment of XDR/PDR Gram-negative infections. School of Medicine, University of Crete.
Supervisors: E. Kritsotakis (main), A. Gikas, G. Chamilos.
- 2016-ong. **Aristos Aristodimou**, MD, MPH. Multicentre clinical epidemiology study of Leishmaniasis in Greece. School of Medicine, University of Crete.
Supervisors: A. Gikas (main), M. Antoniou, E. Kritsotakis.

Master's students – Biostatistics:

- 2019-20 **Theodora Machaira**, BS Maths. Multilevel study of the geographical variation in the prevalence of antibiotic use in hospitals using hierarchical regression models. *MSc in Biostatistics*, Medical School and Department of Mathematics of University of Athens. Co-supervisors: G. Touloumi, F. Siannis. Access [Full-text](#).
- 2017-18 **Simon Appleton**, BS Physics. Using competing risks and multi-state models to examine the risk of relapse in Diffuse Large B-Cell lymphoma patients. *MSc in Statistics with Medical Applications*, School of Mathematics & Statistics and School of Health & Related Research, Sheffield University.
- 2016-17 **Guillermo Castilla** Fernandez, BS Stats. Survival analysis for recurrent events: an application in hospital epidemiology. *MSc in Statistics with Medical Applications*, School of Mathematics & Statistics and School of Health & Related Research, University of Sheffield.

Master's students - Public Health:

- 2021-22 **Elisavet Geneiataki**, BS Nursing. Severity of illness scoring systems for critically ill patients: an investigation of prognostic accuracy and clinical utility in patients treated in the Intensive Care Unit of the University Hospital of Heraklion. Postgraduate programme in *Public Health, Primary Care & Health Services (MPH)*, School of Medicine, University of Crete. Co-supervisor: A. Vaporidi.
- 2021-22 **Dimitra Lagoutari**, BS Chemistry. Epidemiological investigation of temporal trends and patterns of antimicrobial resistance in clinically important nosocomial pathogens and their clinical impact on hospitalized patients in a general hospital in Crete over a 5-year period. Postgraduate programme in *Public Health, Primary Care & Health Services (MPH)*, School of Medicine, University of Crete.
- 2021-22 **Maria Rousaki**, BS Nursing. Prevalence of resistance of clinically important Gram-negative pathogens against the new antibiotic Cefiderocol: a systematic literature review and meta-analysis. Postgraduate programme in *Public Health, Primary Care & Health Services (MPH)*, School of Medicine, University of Crete.
- 2020-21 **Yvonne Billa**. BS Geology. A systematic review of the quality and consistency of evidence on the global seasonality of infections caused by *Klebsiella* species in hospitalised patients. *Master of Public Health (MPH)*, School of Health and Related Research, Faculty of Medicine, Dentistry and Health, University of Sheffield.
- 2019-20 **Maria Kostopoulou**, BS Nursing. Systematic review of the global seasonality in healthcare-associated infections caused by *Pseudomonas* species. Postgraduate programme in *Public Health, Primary Care & Health Services (MPH)*, School of Medicine, University of Crete. Co-supervisor: A. Gikas. Access [Full-text](#).
- 2017-18 **Aigul Kozhageldiyeva**, MD. Seasonality in *Acinetobacter baumannii* infections among hospitalised patients: a systematic review. *Master of Public Health (MPH)*, School of Health and Related Research, Faculty of Medicine, Dentistry and Health, University of Sheffield.
- 2017-18 **Zhijun Wang**, BA. Assessing the impact of accreditation of academic Public Health education: a scoping survey and systematic literature search. *Master of Public Health (MPH) - Management and Leadership*, School of Health and Related Research, University of Sheffield.
- 2015-16 **Aisha Idris**, BS Pharm. HIV/AIDS-related stigma and treatment adherence in female HIV patients: a cross-sectional survey in northern Nigeria. *Master of Public Health (MPH)*, School of Health and Related Research, University of Sheffield.
- 2010-11 **Emmanuel Bolikas**, BS Nursing. Prevalence study of nosocomial infections in a tertiary care hospital. *Public Health & Health Care Management (MPH)*, School of Medicine, University of Crete. Co-supervised by Prof. A. Gikas. Access [Full-text](#).

PROFESSIONAL ACTIVITIES

Society Memberships:

- *Royal Statistical Society*, Fellow and Chartered Statistician, since Dec. 2018.
- *European Society of Clinical Microbiology and Infectious Diseases*, Member, since June 2019.
- *International Society of Clinical Biostatistics*, Member, since April 2016.
- *Florey Institute for Host-Pathogen Interactions*, Member of allied disciplines group, 6/2017-12/2018.

Editorial Boards:

- *Public Health in Practice* (The Royal Society for Public Health / Elsevier), Member of Editorial Board, Appointed March 2020.

- *Medicina* (Lithuanian Uni. Health Sci. / MDPI, Impact Factor 2.430), Guest Editor, Special Issue "[Hospital Epidemiology and Infection Control in the Era of the COVID-19 Pandemic](#)", Oct. 2020 – Feb. 2022.
- *Antibiotics* (MDPI, Impact Factor 4.639), Appointed Topic Editor December 2020. Guest Editor for Special Issue "[Epidemiology, Prognosis and Antimicrobial Treatment of Extensively Antibiotic-Resistant Bacterial Infections](#)", Jan. 2021 – Mar. 2022.

Independent expert reviewer in international large-scale funding programmes:

- *European Commission HORIZON-RIA Action*, Call HORIZON-HLTH-2021-DISEASE-04-03, Nov. 2021.
- *European Commission HORIZON-RIA Action*, Call HORIZON-HLTH-2021-CORONA-01, June 2021.
- *European & Developing Countries Clinical Trials Partnership (EDCTP)*, Call RIA2020I, Oct.-Nov. 2020.
- *European Commission H2020 RIA action*, Call SC1-BHC-34-2020, July-Sept. 2020.
- *European Commission H2020 Innovative Medicine Initiative (IMI2 JU)* Call 21, April 2020.

Independent expert reviewer in national-level research funding programmes:

- *Hellenic Foundation for Research and Innovation (ELIDEK)*, 5th Call of "Science and Society" Action "Always strive for excellence – Theodoros Papazoglou", Greece, May 2021.
- *National Institute for Health Research*, Programme Grants for Applied Research, UK, May 2017.
- *Department of Health UK*, Policy Research Program, September 2015 and March 2016.

Statistical Reviewer – The Lancet journals:

- The Lancet Infectious Diseases [n=29],
- The Lancet Microbe [n=8],
- The Lancet Regional Health – Western Pacific [n=8],
- The Lancet Regional Health – Europe [n=2],
- The Lancet Child & Adolescent Health [n=2],
- The Lancet EBioMedicine [n=1].

Ad hoc expert reviews in international journals:

- *Clinical Microbiology and Infection* [n=11] - **acknowledged as a top reviewer in 2020.**
- *Journal of Antimicrobial Chemotherapy* [n=3]
- *American Journal of Infection Control* [n=3]
- *Public Health in Practice* [n=3]
- *BMC Infectious Diseases* [n=2]
- *British Medical Journal – Open (BMJ Open)* [n=2]
- *Epidemiology & Infection* [n=2]
- *Journal of Public Health* [n=2]
- *BMC Medical Research Methodology* [n=1]
- *International Journal of Antimicrobial Agents* [n=1]
- *Infection and Drug Resistance* [n=1]
- *Pathogens and Global Health* [n=1]
- *Journal of Global Antimicrobial Resistance* [n=1]
- *Pathogens* [n=1]
- *Journal of Zhejiang University Science B* [n=1]
- *Plos One* [n=1]
- *International Journal of Environmental Research and Public Health* [n=1]
- *International Journal of Critical Illness and Injury Science* [n=1]
- *Research Square pre-publication platform, for Springer-Nature/BMC journals* [n=34].

Publons record: <https://publons.com/author/1173633/evangelos-kritsotakis>

Other international panels:

- **National Expert ECDC**, representing Greece at the *protocol meeting and workshop for the Healthcare-associated Infections Surveillance Network (HAI-Net) Point Prevalence Survey 2016-2017*, European Centre for Disease Prevention and Control, 20-22 October, **2015, Stockholm, Sweden.**

- **National Expert ECDC**, representing Greece at the *Train the trainers for ECDC point prevalence survey on healthcare associated infections and antimicrobial use in acute care hospitals in Europe*, Health Protection Agency UK and European Centre for Disease Prevention & Control, March **2011, London, UK**.
- **National Expert ECDC**, representing Greece at the *Final Protocol Meeting on the EU Point Prevalence Survey of Healthcare-Associated Infections and Antimicrobial Use in European Acute Care Hospitals*, European Centre for Disease Prevention and Control, October **2010, Stockholm, Sweden**.
- **Member of Organizing Committee**, International Conference “*New Developments in the Prevention and Control of Infections in Healthcare Settings*”, 30-31 May **2008, Nicosia, Cyprus**.

INVITED TALKS CONFERENCES & SEMINARS

20. *Surveillance of healthcare-associated infections: understanding and utilizing basic epidemiological measures and statistical methods*. Scheduled at the EUCIC Basic Module for Infection Prevention and Control, organized by the European Committee on Infection Control (EUCIC), European Society of Clinical Microbiology and Infectious Diseases, **Groningen**, Netherlands. To be held 31 May 2022.
19. *Developing and validating statistical models for clinical prediction and prognosis to improve infection prevention and treatment*. Joint Seminar Series in Translational and Clinical Medicine organised by the University of Crete Medical School - IMBB-FORTH – UCRC, **Heraklion**, Crete, Greece, April 7, 2021.
18. *How to survey Healthcare-associated Infections (HAIs): basic principles and methods*. Local course by the European Committee on Infection Control (EUCIC) in **Heraklion**, Crete, Greece, 4 - 6 April 2019.
17. *Point Prevalence Survey (PPS): organizational issues, preparation and data collection*. Local course by the European Committee on Infection Control (EUCIC) in **Heraklion**, Crete, Greece, 4 - 6 April 2019.
16. *Analysing and reporting prevalence data (practical seminar using Epi-Info)*. Local course by the European Committee on Infection Control (EUCIC) in **Heraklion**, Crete, Greece, 4 - 6 April 2019.
15. *Methods for the surveillance of HAIs – The experience in Greece*. Meeting organized by the Hellenic Society for Infectious Diseases, **Athens**, February 28, 2019.
14. *Epidemiological methods and data collection guidelines for the 2nd National Prevalence Study of Nosocomial Infections and Antibiotic Use in Greek Hospitals*. Online Meeting, jointly held by the Hellenic Center for Disease Control & Prevention and the Infection Control Unit of the University of Crete, **Heraklion**, Greece, November 16, 2016
13. *Carbapenem-resistant gram-negative bacterial infections: Global epidemiology, challenges and threats*. Joint Research & Development Seminar, Department of Infectious Diseases and Microbiology and Department of Public Health, Bezmialem Vakif University, **Istanbul**, Turkey, September 27, 2016.
12. *Impact of carbapenem resistance on clinical and economic outcomes of ICU patients: preliminary analysis of BVU Hospital data*. Research Presentation, Department of Infectious Diseases and Microbiology, Bezmialem Vakif University Hospital, **Istanbul**, Turkey, September 26, 2016.
11. *Carbapenem-resistant gram-negative bacterial infections: Global epidemiology, treatment options and outcomes*. Research & Development Seminar, Department of Laboratory Medicine, Northern General Hospital, **Sheffield**, UK, September 15, 2015.
10. *An overview of the spread of Carbapenem-resistant gram-negative pathogens in Europe and the nationwide epidemics in Greece*. Research & Development Seminar, Infectious Diseases Unit, Royal Hallamshire Hospital, **Sheffield**, UK, June 19, 2015.
9. *Nosocomial infections in surgical patients: an overview of the multicentre epidemiological studies in Greece*. 14th National Conference on Surgical Infections (Surgical Infection Society Greece), **Heraklion**, Greece, May 31, 2015.
8. *Epidemiology and control of Carbapenemase Producing Enterobacteriaceae*. Research & Development Seminar, West Yorkshire Health Protection Team, Public Health England, **Leeds**, UK, January 29, 2015.
7. *Antibiotic Consumption in Hospitals – Relationship to Bacterial Resistance*. 9th Pan-Hellenic Conference on Public Health and Health Services (National School of Public Health, Hellenic Centre for Disease Control & Prevention), **Athens**, Greece, March 28, 2012.

6. *Surveillance of nosocomial infections – Methods and interpretation of results*. 1st annual conference with international participation “Current Progress in Infectious Diseases” (Medical School AUTH & Hellenic Society for Infectious Diseases), **Thessaloniki**, Greece, December 5, 2008.
5. *Surgical site infections in hospitals in Crete: Frequency, risk factors and impact on patient outcomes*. 14th Annual Pan-Cretan Medical Conference, **Rethymnon**, Greece, Nov. 1, 2008.
4. *Surveillance of antibiotic consumption in hospitals*. International Conference “New Developments in the Prevention and Control of Infections in Healthcare Settings” (Cyprus Ministry of Health), **Nicosia**, Cyprus, May 31, 2008.
3. *Time-series modelling of the relationship between the incidence of vancomycin-resistant Enterococcus and antibiotic consumption*. 17th Annual Meeting of Hospital Infection Control Committees, **Heraklion**, Greece, May 18, 2007.
2. *Results of surveillance programs for nosocomial infections in Greek hospitals*. 34th Pan-Hellenic Nursing Conference (National Association of Nurses of Greece), **Chania**, Greece, May 10, 2007.
1. *Developing a surveillance system to monitor the use of antimicrobial agents in hospitals*. 1st Pan-Hellenic Conference on Hospital Pharmaceutics (Panhellenic Association of Hospital Pharmacists), **Heraklion**, Greece, May 12, 2005.

OTHER ADMINISTRATIVE ROLES

- 2019-ong. **University of Crete, School of Medicine**
- Member of the Coordinating Committee of the MSc programme in Public Health, Primary Care & Health Services, March 2019 – ong.
 - Member of the Internal Evaluation Group (OM.E.A.), Sep.2019 – ong.
 - Member of the General Assembly Board, Oct. 2020 – Sep. 2021.
 - Member of the Alumni Liaison and Erasmus Exchange Committee, Dec. 2020 – Sep. 2021.
- 2014-18 **University of Sheffield, School of Health and Related Research (ScHARR)**
- Information Governance Committee, Deputy Lead (Dec. 2016 to Apr. 2018) and Lead (Apr. 2018 – Nov. 2018) for the Public Health Section of the School.
 - Member of the Committee for Public Health Teaching in the Medical School (2014 – 18).
- 2007-08 **Technological Educational Institute of Crete, Department of Social Work**
- Member of the Teaching Evaluation Internal Committee.

MORE INFORMATION

Profiles:

- <https://evangelos-kritsotakis.webnode.gr/>
- [Medical School](#), University of Crete
- [ScHARR](#), University of Sheffield
- [ResearchGate](#), [Linkedin](#), [Publons](#) , [Kudos](#)

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- Google Scholar: [bEsrTzwAAAAJ](#)