

**ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ**

ΤΗΣ

**ΕΛΕΝΑΣ ΚΡΑΝΙΩΤΗ**

ΙΑΤΡΟΔΙΚΑΣΤΗ

καί

ΕΠΙΚΟΥΡΗΣ ΚΑΘΗΓΗΤΡΙΑΣ ΙΑΤΡΟΔΙΚΑΣΤΙΚΗΣ

ΠΑΝΕΠΙΣΤΗΜΙΟΥ ΚΡΗΤΗΣ

Υποψήφια για τη θέση Αναπληρωτή Καθηγητή Ιατροδικαστικής της Ιατρικής Σχολής του Πανεπιστημίου Κρήτης. Αριθμός προκήρυξης: 12420 /16-08-2022 Φ.Ε.Κ. Τεύχος Γ΄ 1935/16.08.2022 με ΚΩΔΙΚΟ «ΑΠΕΛΛΑ»: APP28865

## 1. ΠΡΟΣΩΠΙΚΑ ΣΤΟΙΧΕΙΑ

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| Όνοματεπώνυμο            | Έλενα Κρανιώτη                      |
| Πατρώνυμο                | Φώτιος                              |
| Ημερομηνία Γέννησης      | 03/09/1978                          |
| Υπηκοότητα               | Ελληνική                            |
| Διεύθυνση κατοικίας      | Χορτασών 24, 71202, Ηράκλειο Κρήτης |
| Τηλέφωνο                 | +30 6972013721                      |
| Ηλεκτρονικό ταχυδρομείο: | ekranioti@uoc.gr                    |

## 2.ΕΚΠΑΙΔΕΥΣΗ και ΜΕΤΕΚΠΑΙΔΕΥΣΗ

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| Ιούνιος 2017                       | Πιστοποιητικό Ανωτάτων Σπουδών στην Εικονική Αυτοψία και την Ιατρική Απεικόνιση (Certificate of Advanced studies in Medical Imaging and Virtopsy) Τμήμα Ιατροδικαστικής του Πανεπιστημίου της Ζυριχης (μεταξύ των δύο πρώτων που ολοκλήρωσαν το δίπλωμα).  |
| Ιούλιος 2009                       | Διδακτορική διατριβή στην Ιατροδικαστική Ανθρωπολογία PhD, Τμήμα Ιατροδικαστικών Επιστημών, Ιατρική Σχολή Παν/μιου Κρήτης<br>Τίτλος: Ο προσδιορισμός του φύλου του ατόμου με βάση την ακτινολογική εξέταση του σκελετού ( <i>Sex estimation based on digital radiographs of the skeleton</i> )<br>Επιβλέπων: Καθηγητής Μανώλης Μιχαλοδημητράκης<br>Γλώσσα: Αγγλική<br>Βαθμός: Άριστα |
| Νοέμβριος 2003-<br>Ιανουάριος 2007 | Ειδικότητα στην Ιατροδικαστική, Τμήμα Ιατροδικαστικών Επιστημών, Ιατρική Σχολή Παν/μιου Κρήτης.<br>Διευθυντής: Καθηγητής Μανώλης Μιχαλοδημητράκης  |
| Φεβρουάριος 2007<br>1997-2003      | Τίτλος ειδικότητας Ιατροδικαστικής<br>Ιατρική Σχολή Πανεπιστημίου Κρήτης. Βαθμός 6.63 (Λίαν Καλώς)   |
| 1990-1996                          | Γυμνάσιο-Λύκειο -6 αριστεία-παραστάτης και σηματοφόρος   |

### FOREIGN LANGUAGES

Greek (native),  
English (proficient),  
Spanish (proficient),  
French (Very good),  
German (Basic),  
Italian (Basic).

### 3.ΠΡΟΫΠΗΡΕΣΙΑ

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| Απρίλιος 2019-σήμερα              | Επίκουρη Καθηγήτρια Ιατροδικαστικής, Ιατρική Σχολή Πανεπιστημίου Κρήτης  |
| Ιανουάριος 2010-Απρίλιος 2019     | Λέκτορας Ιατροδικαστικής Ανθρωπολογίας, Τμήμα Αρχαιολογίας, Πανεπιστήμιο Εδιμβούργου   |
| Ιούλιος 2016-σήμερα               | Επιστημονικός συνεργάτης, Εργαστήριο Ιατρικής Απεικόνισης, Πανεπιστημιακό Γενικό Νοσοκομείο Ηρακλείου  |
| Φεβρουάριος 2007-σήμερα           | Επιστημονικός συνεργάτης και σύμβουλος (αμισθί), Ιατροδικαστική Υπηρεσία Κρήτης, Υπουργείο Δικαιοσύνης, Διαφάνειας και Ανθρωπίνων Δικαιωμάτων. |
| Φεβρουάριος 2007- 2019            | Επιστημονικός συνεργάτης και σύμβουλος (αμισθί), Εργαστήριο Ιατροδικαστικών Επιστημών Πανεπιστημίου Κρήτης                                     |
| Ιούλιος 2007-Δεκέμβριος 2009      | Ερευνήτρια (Research Fellow), Museo Nacional de Ciencias Naturales, Madrid, Spain  |
| Σεπτέμβριος 2006- Δεκέμβριος 2006 | Προσκεκλημένη ερευνήτρια (Gastwissenschaftlerin) Forensic Institute of the Heinrich-Heines, Düsseldorf, Germany                                |

#### 4.ΒΡΑΒΕΙΑ ΚΑΙ ΔΙΑΚΡΙΣΕΙΣ

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| 2016-2017 | -Υποψηφιότητες (4) για το βραβείο καλύτερου επιβλέποντα (Best research or dissertation supervisor, Edinburgh University Student's Association Teaching awards)<br>-Υποψηφιότητα (1) για το βραβείο καλύτερου Λέκτορα (Edinburgh University Student's Association Teaching awards)<br>-Υποτροφία για μετεκπαίδευση (CAS Virtopsy and Medical Imaging) Πανεπιστήμιο Εδιμβούργου.<br>-Βραβείο καλύτερης προφορικής παρουσίασης: Forensic age diagnostics by magnetic resonance imaging of the proximal humeral epiphysis. 14th Congress of Forensic Sciences, 11-14 May, 2017 Cesme-Izmir/Turkey. |
| 2015-2016 | -Υποψηφιότητα (1) για το βραβείο καλύτερου επιβλέποντα (Edinburgh University Student's Association Teaching awards)  |
| 2014-2015 | -Υποτροφία για μετεκπαίδευση (Bone thin section techniques, University of Durham, UK) Πανεπιστήμιο Εδιμβούργου.  |
| 2011-2012 | -Υποψηφιότητα (1) για το βραβείο καλύτερου Λέκτορα (Edinburgh University Student's Association Teaching awards)  |
| 2007-2009 | -Υποτροφία Marie Curie, Museo Nacional de Ciencias Naturales, Madrid, Spain.   |
| 2002-2003 | -Υποτροφία Erasmus, Medical School, University of Valencia, Spain.   |

## 5. ΑΚΑΔΗΜΑΪΚΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ

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### 5.1 Ομιλίες και σεμινάρια (Προσκεκλημένη ομιλήτρια)

1. *Virtual Trauma assessment FASE* Advanced Course in Virtual Forensic Anthropology November 11-13, 2021.
2. *Postmortem CT applications in the evaluation of Decomposed-Skeletonized Remains*. 2<sup>nd</sup> International and 18<sup>th</sup> National Congress of Forensic Sciences, Turkish Forensic Medicine Specialists Association, November 03-15, 2020.
3. *Εφαρμογές της ανάλυσης DNA στην Ιατροδικαστική και την Ανθρωπολογία*. Διαδουκτικό σεμινάριο «Η αρχαιογεννητική στην ερευνητική υποδομή» Ίδρυμα Τεχνολογίας και Έρευνας (FORTH). Σεπτέμβριος 24, 2020.
4. *Computed Tomography in forensic investigations of Homicides and attempted Homicides*. 1<sup>st</sup> International and 17<sup>th</sup> National Congress of Forensic Sciences, Turkish Forensic Medicine Specialists Association, November 12-15, 2020.
5. *DVT: advances and problems in Forensic Identification*. 18<sup>th</sup> National Congress of Forensic Sciences, Romanian Society of Legal Medicine, May 30th-June 1st, 2019 Predeal, Romania.
6. *Η μεταθανάτια απεικόνιση στην διερεύνηση του θανάτου: Το Virtopsy. GR project*. **Kranioti EF**, Spanakis K (2019). 2<sup>η</sup> Ημερίδα της Ελληνικής Εταιρείας Ιατροδικαστικής και Ιατροδικαστικών Επιστημών, Ηράκλειο, 28 Σεπτεμβρίου, 2019.
7. *Forensic Medicine Residency in Greece*. National Congress of Forensic Sciences, Turkish Forensic Medicine Specialists Association, April 2019 Izmir, Turkey.
8. *Εκπαίδευση, μετεκπαίδευση και επαγγελματική κατάρτιση των ιατροδικαστών σε περιπτώσεις μαζικών καταστροφών*. Forensic Meeting on the National Disaster Response Strategy and Multi-disciplinary Approach to Human identification. November 2nd, 2017, Athens. Greece.
9. *Virtual Forensic Anthropology*. PMCT for beginners. February 2nd, 2017 London, UK
10. *Forensic Anthropology, Virtual tools and Skeletal Trauma*. Lecture series, University of Bologna, October 30-November 4., 2016
11. *Virtual Forensic Anthropology*. Virtopsy Conference, Naples October 27-28, 2016
12. *Caratteristiche dei colpi di pistola provocate da armi da fuoco: dati sperimentali che utilizzano i proxy in poliuretano* (Characteristics of gunshot wounds provoked by handguns: experimental data using polyurethane proxies). Symposium organised by FORMED (Scuola Specialistica di Ballistica Forense e scena del Crimine) with the University “Suor Orsola Benicasa” of Naples, October 29th, 2016, Naples, Italy (Language Spanish).
13. *Skeletal variation among and between different archaeological populations from Ibiza, Spain*. 6<sup>th</sup> Archaeological Conference of the Balearic Islands, September 26-28, 2014 Formentera, Spain. (Language: Spanish)
14. *Can CT distinguish between perimortem cranial trauma and postmortem cranial damage?* Invited talk 3<sup>rd</sup>

Congress of the International Society of Forensic Radiology and Imaging (ISFRI 2014), Marseille, France (Campus Timone) May 15-17, 2014.

15. *Introduction to bone and dental histology*. Invited workshop at the 9th Annual Meeting of the Balkan Academy of Forensic Sciences, June 12th-15th 2013 Istanbul, Turkey.
16. *Sharp force trauma and weapon identification*. Invited Seminar with CPD by the Scottish Scientific Police in Edinburgh. Video-Conference in all Scottish departments. Edinburgh, June 2013.
17. *Craniometric Analysis of the Cretan population*. Invited talk 1st International Conference on the history and civilisation of Southern Crete «Εν Γορτύνη και Αρκαδία εγένετο», Messara, Crete, Greece Sept 20-23, 2012. (Language: Greek).
18. *Skeletal variation in modern Greeks: Applications in forensic casework*. Invited talk Scottish-Hellenic Society, University of St Andrews. October 14<sup>th</sup>, 2014
19. *Advanced Medical Imaging in Forensic Anthropology*. Scottish Radiological Society Junior Forum Dundee November 8th, 2012
20. *Applications of Advanced Medical Imaging in Forensic Anthropology*. Edinburgh Radiological Society, Edinburgh November 27th, 2012
21. *The secrets of the Rhind mummy*. Invited talk. National Museum of Scotland. Edinburgh Science Festival April 2012.

## 5.2 Ανακοινώσεις ερευνητικών εργασιών σε συνέδρια (66)

- [1] *IPPASOS: The first digital forensic information system in Greece at the service of forensic anthropology and human identification*. Flouri DE, Kalochristianakis M, Kontogiannis A, **Kranioti EF** (2022). Annual Symposium of the Forensic Anthropology Society Europe, October 1<sup>st</sup>, Heraklion, Crete, Greece.
- [2] *Forensic applications of bone proteomics analysis: A pilot study*. Tsiminikaki K, Orfanoudaki G, Kountourakis N, Samiotaki N, **Kranioti EF**, Psatha K, Aivaliotis M. (2022). Annual Symposium of the Forensic Anthropology Society Europe, October 1<sup>st</sup>, Heraklion, Crete, Greece.
- [3] *Post-mortem interval prediction with the use of post-mortem CT radiomics*. Klontzas ME, Leventis D, Spanakis K, Karantanas A, **Kranioti EF** (2022). Annual Symposium of the Forensic Anthropology Society Europe, October 1<sup>st</sup>, Heraklion, Crete, Greece.
- [4] *The reliability of PMCT in sharp force-related homicides*. **Kranioti EF**, Klontzas ME, Spanakis K, Flouri DE, Karantanas A (2022). Annual Symposium of the Forensic Anthropology Society Europe, October 1<sup>st</sup>, Heraklion, Crete, Greece.
- [5] *Gunshot-related homicide and concealment of the body: A case study*. Kourgiantaki O, Belivanis S, Floyri DE, Kougiou E, **Kranioti EF** (2022). Annual Symposium of the Forensic Anthropology Society Europe, October 1<sup>st</sup>, Heraklion, Crete, Greece.
- [6] *Forensic Entomology in Greece: The case of Crete*. Alexi G, Trichas A, Kougiou E, **Kranioti EF** (2022). Annual Symposium of the Forensic Anthropology Society Europe, October 1<sup>st</sup>, Heraklion, Crete, Greece.

- [7] *Forensic investigation of homicides complicated by fire: A case series from Crete.* Kontzīnou E, Floyri DE, **Kranioti EF** (2022). Annual Symposium of the Forensic Anthropology Society Europe, October 1<sup>st</sup>, Heraklion, Crete, Greece.
- [8] *The man inside the barrel: a unique case of mummification in southern Crete.* Flouri DN, Papadomanolakis A, Kougiou E, **Kranioti EF**. Annual Symposium of the Forensic Anthropology Society Europe (Virtual), November 13<sup>th</sup> · 2021.
- [9] *Bone microstructure identification using deep learning: A pilot study.* García-Donas JG, Hurrell R, **Kranioti EF**, Trucco E, McKenna SJ Annual Symposium of the Forensic Anthropology Society Europe (Virtual), November 13<sup>th</sup> · 2021.
- [10] *Protocolos para la adquisición de parámetros métricos del osteón: consistencia de diferentes métodos para la estimación de la edad.* Wilson K., **Kranioti EF**, García-Donas JG, Spanish Association of Forensic Anthropology and Forensic Odontology (AEAOF) 17-18 November 2021.
- [11] *Ιατροδικαστική διερεύνηση περιγεννητικών θανάτων και θανάτων παιδικής ηλικίας.* Νάθενα Δ., **Κρασιώτη ΕΦ**. 2<sup>η</sup> Ημερίδα της Ελληνικής Εταιρίας Ιατροδικαστικής και Ιατροδικαστικών Επιστημών, Ηράκλειο, 28 Σεπτεμβρίου, 2019.
- [12] *Ανοχειρία με νόσον και τέμνον όργανο (hara-kiri): παρουσίαση ενός περιστατικού.* Κοντογιάννης Α, **Κρασιώτη ΕΦ**. 2<sup>η</sup> Ημερίδα της Ελληνικής Εταιρίας Ιατροδικαστικής και Ιατροδικαστικών Επιστημών, Ηράκλειο, 28 Σεπτεμβρίου, 2019.
- [13] *Προσομοίωση εκτέλεσης με βολή στην κεφαλή με την χρήση συνθετικού οστού (synbone): προρόβλα όπλα χειρός έναντι πολεμικών τυφεκίων.* Taylor S, Παπαδομανωλάκης Α., **Κρασιώτη ΕΦ**. 2<sup>η</sup> Ημερίδα της Ελληνικής Εταιρίας Ιατροδικαστικής και Ιατροδικαστικών Επιστημών, Ηράκλειο, 28 Σεπτεμβρίου, 2019.
- [14] *Η συμβολή της Ιατροδικαστικής Οδοντολογίας στην ταυτοποίηση: παρουσίαση περιστατικών.* Βλασιάδης Κ, Μαιση Ε, Παρασύρης Σ, Μπογοσιάν Ε, Νάθενα Δ, **Κρασιώτη ΕΦ**. 2<sup>η</sup> Ημερίδα της Ελληνικής Εταιρίας Ιατροδικαστικής και Ιατροδικαστικών Επιστημών, Ηράκλειο, 28 Σεπτεμβρίου, 2019.
- [15] *Bone histology and chemistry for forensic identification: what can a small rib fragment tell you?* García-Donas, JG., Paine, R, Dotsika, E, Diamantopoulos, G, Michopoulou, E, **Kranioti, E** (2019) In: Summer Annual Conference of the British Association of Human Identification (BAHID), 5-7th July 2019, Moreton-in-Marsh, UK.
- [16] *Forensic Anthropology in Greece: An Overview of the Discipline's Status.* **Kranioti EF**, Moraitis K. 71st Annual Scientific Meeting of the American Academy of Forensic Sciences, February 18-23rd, 2019, Baltimore, USA.
- [17] *Routine Practice in Forensic Anthropology in Europe: Attempting to Achieve a State of the Art.* Cunha E, **Kranioti EF**, Adalian P, Cattaneo C. 71st Annual Scientific Meeting of the American Academy of Forensic Sciences, February 18-23rd, 2019, Baltimore, USA.
- [18] *Age Estimation on Two Mediterranean Populations Using Rib Histomorphology.* Garcia-Donas JG, Lill C, Paine R, **Kranioti EF**. 71st Annual Scientific Meeting of the American Academy of Forensic Sciences, February 18-23<sup>rd</sup>, 2019, Baltimore, USA.
- [19] *Stable isotope baseline for the Island of Crete: Potential forensic applications.* Kranioti EF, Papadomanolakis A, Diamantopoulos G, Ntotsika E (2018). Annual Symposium of the Forensic Anthropology Society Europe, September 22<sup>nd</sup>, Marseille, France.
- [20] *Assessment of trabecular microstructure and mechanical properties in the intermediate cuneiform of healthy and diabetic patients using microcomputed tomography.* Senck, S., Weißenbacher, P., Kastner, J., Reiter, T., Hofstaetter, S. G., Trieb, K., & **Kranioti, E.** (2018). Paper presented at 8th World Congress of Biomechanics, Dublin, Ireland.
- [21] *T2-weighted spoiled gradient echo sequence (MERGE): A different perspective on the forensic age estimation.* Ekizoglu O, Er A, Doruk Basa C, Eralp Kacmaz I, Ozgur Can I, Garcia-Donas JG, **Kranioti EF** (2017). Symposium of the Forensic Anthropology Society Europe, September 17<sup>th</sup> , Milan, Italy.

- [22] *Case study: Age estimation using Structural, Chemical and Bio-Mechanical data of modern rib retrieved from the seashore.* Bonicelli A, Zioupos P, Papadomanolakis A, **Kranioti EF** (2017) Annual Symposium of the Forensic Anthropology Society Europe, September 17<sup>th</sup>, Milan, Italy.
- [23] *Forensic age diagnostics by magnetic resonance imaging of the proximal humeral epiphysis.* Ekizoğlu O, İnci E, Örs S, Hocaoğlu E, Can IO, Kaçmaz IE, **Kranioti EF**. (2017) 14<sup>th</sup> Congress of Forensic Sciences, 11-14 May, Cesme-Izmir/Turkey. (First prize for oral presentation).
- [24] *Determining 'age at death': A new multidisciplinary laboratory method based on ribs.* Bonicelli A, Zioupos P, Xhemali B, **Kranioti EF**. (2016) 22<sup>nd</sup> Congress of the European Society of Biomechanics, Lyon, France.
- [25] *Comparison of the contiguous facial area method and the additive facial area method when assessing facial heritability.* Langstaff H & **Kranioti EF** (2015) Annual conference of the British Association for Human Identification, Manchester, 11<sup>th</sup>-13<sup>th</sup> December 2015
- [26] *Investigation of cranial blunt force trauma using SYNSTONE artificial spheres.* **Kranioti EF** Winter meeting of the British Association for Forensic medicine. Edinburgh November 21<sup>st</sup>, Edinburgh, UK.
- [27] *Estudio osteométrico de la tibia: dimorfismo sexual en una muestra Griego-Chipriota. (Osteometric standards for sex estimation from the tibia for Greek-Cypriots)* Garcia-Donas JG, Langstaff H, Almeida Prado PS, Kyriakou P & **Kranioti EF** (2015) Asociación Española de Antropología y Odontología Forense (7<sup>th</sup> Scientific Meeting of the Spanish Association of Forensic Anthropology and Odontology), Toledo, 6<sup>th</sup>-7<sup>th</sup> November, Toledo, Spain. (Language: Spanish)
- [28] *Estimación de la edad en una población Mediterránea usando Stout & Paine (1992) y fórmulas Stout et al. (1994).* Garcia-Donas JG, Scholl AR, Nathana D, Paine RR, Kyriakou P & **Kranioti EF** (2015) Asociación Española de Antropología y Odontología Forense (7<sup>th</sup> Scientific Meeting of the Spanish Association of Forensic Anthropology and Odontology), Toledo, 6<sup>th</sup>-7<sup>th</sup> November, Toledo, Spain. (Language: Spanish)
- [29] *Nasal concha hypertrophy in 3 Mediterranean Populations.* De Almeida Prado PS, Cunha E, Garcia-Donas JG, Langstaff H, Kyriakou P & **Kranioti EF** (2015) Forensic Anthropology Society Europe Symposium, 5<sup>th</sup> September, Marseille, France.
- [30] *Skeletal Variation among and between different archaeological populations from Ibiza, Spain.* **Kranioti EF**, Langstaff H & Garcia-Donas JG (2014) VI Jornades D'arqueologia de les Illes Balears (Archaeological conference of the Balearic Isles), 26<sup>th</sup> September 2014, Formentera, Spain. (Language: Spanish).
- [31] *Settlement of Ibiza: from rome to islam- the biological evidence.* Girdwood LK, Langstaff H, **Kranioti EF**. 6<sup>th</sup> Archaeological Conference of the Balearic Islands, September 26-28, 2014 Formentera, Spain.
- [32] *Joan planells and Via púnica: demographics of two archaeological populations from ibiza.* García-Donas JG, Langstaff H, **Kranioti EF**. 6<sup>th</sup> Archaeological Conference of the Balearic Islands, September 26-28, 2014 Formentera, Spain.
- [33] *Skeletonized remains on Crete: challenges in positive identification.* **Kranioti EF**. Annual meeting of the British Association of Forensic Medicine, 27-28 June, 2014, Invernes, Scotland.
- [34] *Réattribution de restes osseux issus de sépultures plurielles à l'aide de modèle de base de 3d: une méthode basée sur la comparaison mesh-to-mesh.* Karell MA., Langstaff H, Osipov B, Minghetti C, Frelat M., and Kranioti EF. Colloque annuel de la Société d'anthropologie de Paris, 1839e 8ase do scientifique, 28–31 Janvier, 2013, Montpellier, France. (Language: French)
- [35] *Sorting commingled human remains with the aid of 3D surface models: a method based on mesh-to-mesh comparison.* Karell M, Langstaff H, Minghetti C, Frelat M, Kranioti EF. British Association of Human Identification (BAHID) annual conference, November 30<sup>th</sup>, 2013 Manchester UK
- [36] *Rib histomorphometry: Testing sampling and population errors on existing formulae for forensic applications.* Dyke J, G. Garcia-Donas J, Kranioti EF. British Association of Human Identification

- (BAHID) annual conference, November 30<sup>th</sup> 2013, Manchester, UK. (Third Prize Award-winner).
- [37] *Sharp Force Trauma analysis for weapon identification based on controlled experimental models*. **Kranioti EF**, Donnellan SM, Osipov, B. 9<sup>th</sup> Annual Meeting of the Balkan Academy of Forensic Sciences, June 12<sup>th</sup>-15<sup>th</sup> 2013 Istanbul, Turkey.
- [38] *Multiple logistic regression models in Forensic Anthropology: The example of the Cretan skull*. García-Donas J., Aitken, C, Titterington D., **Kranioti EF** 9<sup>th</sup> Annual Meeting of the Balkan Academy of Forensic Sciences, June 12<sup>th</sup>-15<sup>th</sup> 2013 Istanbul, Turkey.
- [39] *Sex estimation on Cranial Non-Metric Traits in a Contemporary Greek Population: Testing multiple logistics regression models*. García-Donas J., Aitken, C, Titterington D., **Kranioti EF** BAHID annual conference, December 8<sup>th</sup>, 2012 Manchester UK
- [40] *Dental Analysis of a Mycenaean population from Galata, Poros*. **Kranioti EF** PS Aka, Konsolaki E, Bogghosian M, İscan MY, Michalodimitrakis M, 1<sup>st</sup> International Conference on the history and civilisation of Southern Crete «Εν Γορτύνη και Αρχαδία εγένετο», Messara, Crete, Greece Sept 20-23, 2012.
- [41] Diet reconstruction from a Venecian period population From Agios Georgios, Lasithi. Semelidou E, C Pickard C, K. MacKinnon, Nathena D, Gambaro L, **Kranioti EF** 1<sup>st</sup> International Conference on the history and civilisation of Southern Crete «Εν Γορτύνη και Αρχαδία εγένετο», Messara, Crete, Greece Sept 20-23, 2012.
- [42] *Sex estimation and posterior probabilities: the example of the tibia*. **Kranioti EF**, (2012) Anthropology in the world Conference (Royal Anthropological Institute / British Museum Centre for Anthropology), June 8-10 2012, London, UK
- [43] *Dental analysis of two cemetery populations (Via Punica 34 and Joan Planells) from Ibiza, Spain*. Carbaugh A, Rocio Gomez Martinez R, Helen Langstaff H, Irvine B, Thiemann N, **Kranioti EF** (2011) 13<sup>th</sup> 9<sup>ase</sup> meeting of the British Association of Biological Anthropology and Osteoarchaeology, September 2<sup>nd</sup>-4<sup>th</sup> Edinburgh, UK.
- [44] *Inner Ear Morphology of the Cioclovina Calvarium: A virtual study*. **Kranioti EF**, Ciprut T, Grigorescu D, Harvati K. 12<sup>th</sup> annual meeting of the British Association of Biological Anthropology and Osteoarchaeology, September 17<sup>th</sup>-19<sup>th</sup>Cambridge, UK, 2010.
- [45] *Sexual dimorphism of the scapula and the clavicle in modern Greeks* Joveneaux P, Papaioannou Vasiliki V, Nathena D, **Kranioti EF**, Michalodimitrakis M. Balkan Academy of Forensic Sciences, 7<sup>th</sup> Annual Meeting, June 3<sup>rd</sup>-6<sup>th</sup>, Tirana, Albania. 2010.
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## 6.2 Δημοσιεύσεις-Συμμετοχή σε βιβλία και τόμους (15)

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### 6.3 Περιλήψεις επιστημονικών εργασιών δημοσιευμένες σε περιοδικά με κριτές (32)

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30. Some Aspects Related to Suicide in Our Area. Enache A, Chatzinikolaou F, **Kranioti EF**. Proceedings of the International Association of Forensic Sciences Triennial 18<sup>th</sup> Meeting, July 21<sup>st</sup> – 25<sup>th</sup>, 2008 New Orleans, Louisiana USA p. 139
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## ΣΥΝΟΨΗ ΣΥΓΓΡΑΦΙΚΟΥ ΕΡΓΟΥ

Δημοσιεύσεις σε ξενόγλωσσα περιοδικά με κριτές:104

- Pubmed indexed: 76

- Scopus indexed: 97

Δημοσιεύσεις περιλήψεων σε ξενόγλωσσα περιοδικά με κριτές: 21

Συμμετοχή σε κεφάλαια ελληνικών βιβλίων/τόμων:2

Συμμετοχή σε κεφάλαια ελληνικών βιβλίων/τόμων:13

Ήδη δημοσιευθείσες εργασίες σε περιοδικα με κριτές: 104

Σειρά μεταξύ συγγραφέων

Μοναδικός σε: 4

1ος σε : 30

Τελευταίος σε: 42

Άλλη θέση σε : 26

Corresponding σε: 47

Συντελεστής απήχησης

Συνολικός 223.94

Μέσος Όρος 2.2

Βιβλιογραφικές αναφορές

\*Σύνολο: 1336 (excluding self-citations), h-index: 17 (Πηγή: Scopus, 24/10/22)

Σύνολο 2389, h-index: 24, 10-index: 56 (Πηγή Google Scholar, 24/10/22)

\*Βασίζεται σε 97 εργασίες που ανευρίσκονται στο Scopus

## 7. ΕΡΕΥΝΗΤΙΚΟ ΕΡΓΟ

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### 7.1 ΕΡΕΥΝΗΤΙΚΑ ΕΝΔΙΑΦΕΡΟΝΤΑ

1. Medical Imaging Analysis in the Investigation of death
2. Development of innovative virtual methods in Forensic Anthropology
3. Forensic trauma analysis
4. Radiomics
5. Bone histomorphometry
6. Skeletal growth and development
7. Interpersonal violence in past populations.
8. Bone biomechanics
9. Standards for biological profiling in modern populations

### 7.2 ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΡΕΥΝΗΤΙΚΕΣ ΑΝΤΑΛΛΑΓΕΣ

Συμμετοχή στο Πρόγραμμα Ερευνητικών ανταλλαγών SCORE (International Federation of Medical Students' Associations)

### 7.2 ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΡΕΥΝΗΤΙΚΑ ΠΡΩΤΟΚΟΛΛΑ ΜΕ ΧΡΗΜΑΤΟΔΟΤΗΣΗ

#### 7.2.1 Χρηματοδότηση από την Αμερικανική εταιρεία Ιατροδικαστικών Επιστημών

**2017:AAFS Humanitarian Grant:** Towards establishing the first ever stable isotope ratio baseline in Crete (Greece) for forensic identification. (Sponsor: Humanitarian and Human Rights Resource Center of the American Academy of Forensic Sciences): **\$18,844 US (PI)**

#### 7.2.2 Χρηματοδότηση από το Πανεπιστήμιο του Εδιμβούργου

**2018:Munro Research grant:Polyphonic Murders: a holographic biography of trauma.** **£1,100 (PI)**

**2017:UoE Innovation Initiative Grant:** Polyphonic Murders: a holographic biography of trauma. (ID:GR003198) **£4,998 (PI)**

**2016: UoE Division of Pathology Endowment Fund:** Virtopsy.GR **£1,999 (Co-I)**

**2016:UoE Innovation Initiative Grant:** Application of forensic craniofacial reconstruction methods to aid human identification in cold cases from Greece. (ID:GR002629) **£4,257 (PI)**

**2016: SHCA Seed-corn Fund:** Virtopsy.GR:Application of postmortem CT scans in forensic casework **£1,999 (PI)**

**2016: UoE Division of Pathology Endowment Fund:** Virtopsy.GR I am the principal researcher in this project which emerged as a collaboration between the Edinburgh Division of Pathology and the NMS Department of Radiology in Little France. **£4,422 (Co-I)**

**2015: CHSS Challenge Investment Fund:** Analysis and reconstruction of the production of controlled divinatory cracks in Shang Dynasty oracle bones from the 13th and 12th century BCE held at the National Museum of Scotland. Collaboration with NMS and the Asian Studies Department, School of Divinity, UoE. I contributed to the application, designed the experimental process and provided training and supervision for the research assistant that conducted the experimental process. **£14,702 (Co-I)**

**2015: CAHSS Challenge Investment Fund: Adorned Afterlife – Existential Craft'** is an interdisciplinary research network in partnership with the National Museum of Scotland (NMS) consisting of experts from the fields of Jewellery Design (ECA), Forensic Anthropology, Classics, History and Museology. I contributed by knowledge on the 3d reconstruction of artefacts through CT scans built upon my previous work on the Rhind Mummy. **£14,000 (Co-I)**

**2014: CAHSS Challenge Investment Fund: Mesh-to-mesh value similarity (MVS):** A ground breaking method for accurate sorting of commingled remains. Award: **£13,393. (PI)**

**2014: The University of Edinburgh, Munro research grant:** Direct evidence of Interpersonal Violence in the Upper Paleolithic: The unique case of the Cioclovina hominid. **£2,720 (PI)**

**2013: SHCA Seed-corn and pump-priming research fund** "Virtual histology: A non-invasive tool to study the human past". Award **£3,600. (PI)**

**2012: CAHSS Challenge Investment Fund:** "Morphological and Histological Analysis of Sharp Force Trauma Patterns using High Resolution Casts and Virtual Tools (GR000381). Award: **£9,969 (PI)**

**2012 CAHSS KE grant:** Villains Victims and Forensic Evidence. Award: **£500 (PI)**

**2011: Edinburgh Development Trust -Innovation Initiative Grant:** "3D imaging: Surface scanning and Hands on Amira 3D software training". Award: **£ 3,600 (PI)**

**2010: Edinburgh Development Trust -Innovation Initiative Grant**"Cross sectional and surface histology Workshop: An application of Anthropological methods". Award: **£2,500 (PI)**

### 7.2.3 Χρηματοδότηση από Ινστιτούτο Ερευνών Μηχανικών και Φυσικών Επιστημών του Ηνωμένου Βασιλείου (Engineering and Physical Sciences Research Council)

**2016: EPSRC grant:** *Devising new 'age at death' methods for forensic applications.* This project is based on Prof Zioupos previous work and my original research idea and resulted in covering expenses of two student projects (Andrea Bonicelli, UoE and Hannah McGivern, University of Cranfield). The project is mainly based on material I acquired but the facilities in Cranfield are licensed for modern human tissue and equipped for histology and nanoindentation techniques fundamental to the work which HCA facilities are not. **£75,251 (PI: Peter Zioupos, University of Cranfield, Co-I: EKUoE).**

### 7.2.4 Χρηματοδότηση από Εθνικό Ινστιτούτο Ερευνών της Ισπανίας

**2012 Spanish Government Fund** "Morphological evolution of the genus Homo. Effects of growth duration and encephalic increment" (CGL2012-36682) The principal investigator is Prof. Antonio Rosas (Natural History Museum (CSIC), Madrid, Spain). I was co-investigator contributing advice on specialized histological analysis following up from my previous collaboration in CSIC. Award: **€140,000 (Co-I)**

#### 7.2.4 Χρηματοδότηση από το Ίδρυμα Carnegie του Ηνωμένου Βασιλείου

**2011 The Carnegie Trust research grant:** "Anthropological analysis of a Roman Cemetery population excavated in 34 Via Punic, Ibiza, Spain.". **Award: £1,000 (PI)**

#### 7.2.4 Χρηματοδότηση από το Ίδρυμα Carnegie του Ηνωμένου Βασιλείου

**2008 Institute for Aegean Prehistory:** Craniometric variation of the Ilida cemetery population. The principal investigator was Prof. Katerina Harvati, University of Tuebingen, Germany. I was co-investigator contributing specialized 3D analysis. Award: 7,000\$ (Co-I).

## 8.ΔΙΔΑΚΤΙΚΟ ΕΡΓΟ

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### 8.1 ΔΙΔΑΣΚΑΛΙΑ ΠΡΟΠΤΥΧΙΑΚΩΝ ΜΑΘΗΜΑΤΩΝ

- **2019-2022: UG Medicine, University of Crete**
  1. Επιστημονικά υπεύθυνη και Διδάσκων του μαθήματος Δεοντολογία-Ιατροδικαστική
- **2013-2019: UG Medicine, University of Crete**
  1. Δεοντολογία Ιατροδικαστική (2-6 ώρες και 2x2h εργαστήρια)
- **2010-2018 UG Archaeology, University of Edinburgh**

2010-2013: Human Origins (1 lecture)  
2011-2018: Archaeology in Practice (1 lecture)  
2014-2018: Archaeology 1B (1-2 lecture)  
2015-2018: Medicine (1-3 lectures)  
2017-2018: Honours course: Villains Victims and Forensic Evidence: An Introduction to Forensic Anthropology Theory and practice (20 ECTS)
- **2012-2018 UG Medicine, University of Rdinburgh**
  1. Introduction to Forensic Anthropology (2h)

### 8.2 ΔΙΔΑΣΚΑΛΙΑ ΜΕΤΑΠΤΥΧΙΑΚΩΝ ΜΑΘΗΜΑΤΩΝ

- **2019-2022 Διδάσκων**
  1. Μεταπτυχιακό στις Χειρουργικές Επιστήμες, Πανεπιστήμιο Κρήτης (2h)  
*Επιδημιολογικά στοιχεία τραύματος-Κινηματική και μηχανισμοί τραύματος.*
  2. Μεταπτυχιακό στις Επείγουσες Καταστάσεις Εφήβων και Ενηλίκων, Πανεπιστήμιο Κρήτης (2h). *Μεταθανάτια απεικόνιση και διερεύνηση θανάτου*
  3. Μεταπτυχιακό Δεοντολογία και Βιοηθικής στις Ιατρικές Επιστήμες, Πανεπιστήμιο Θεσσαλίας (4h). Ο ρόλος του Ιατροδικαστή στην απονομή της δικαιοσύνης.
  4. MSc in Biomedical Engineering, Διατμηματικό (4h). Cell Biology and Physiology: Basics of tissue and organs.
- **2010-2019: University of Edinburgh**

**Επιστημονικά υπεύθυνη μαθήματος και Διδάσκων μεταπτυχιακού Ιατροδικαστικής Ανθρωπολογίας (2010-2016):**

  1. Legal and Evidential framework in Forensic Anthropology (10 διαλέξεις + 5x5-8 εργαστήρια x2)-20 ECTS
  2. Forensic Taphonomy(4 διαλέξεις + 3 εργαστήρια x2h)-10 ECTS
  3. Scientific Evidence in Forensic Anthropology (4 διαλέξεις + 3 εργαστήρια x2h)-10 ECTS

**Διδάσκων μεταπτυχιακού Οστεοαρχαιολογίας**

  1. Skeletal Anatomy
  2. Practical Osteology
  3. Human Analytical Methods
  4. Skeletal Pathology

### 8.3 ΣΕΜΙΝΑΡΙΑ ΚΑΙ ΕΝΤΑΤΙΚΑ ΕΚΠΑΙΔΕΥΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ

- **2022: FASE Basic Course in Forensic Anthropology Sept 26-30<sup>th</sup>, 2022.**

- **2022: Τα μυστικά του ανθρώπινου σκελετού.** Πρόγραμμα επιμόρφωσης δευτεροβάθμιας, Μουσείο Ιατρικής Πανεπιστημίου Κρήτης.
- **2019: Webinar Stable Isotope Analysis in a Humanitarian Context** (duration 1,5h). Invited by the Forensic Technology Center of Excellence, National Institute of Justice, USA. March 12th, 2019. Link: <https://forensiccoe.org/isotopes-missing-identified-humanitarian-hhrrc/>
- **2017: PMCT for beginners.** British Radiological Society, Royal College of Radiologists, Febr 2<sup>nd</sup>, London, UK
- **2016: Forensic Anthropology, Virtual tools and Skeletal Trauma.** Lecture series, University of Bologna, October 30-November 4.
- **2015: Seminar on Forensic Anthropology,** Tirana Forensic Institute, Ministry of Justice, Albania.
- **2013: Seminar on Sharp force trauma and weapon identification using virtual methods:** Scottish Scientific Police.
- **2013: Workshop on Bone Histology and Forensic Applications.** Annual meeting of the Balkan Academy of Forensic Sciences, Istanbul, Turkey
- **2011-2019 Surface Scanning and hands on Amira training:** Workshop on the acquisition of 3D scan data, 3d printing (since 2014) and the use of a 3d modelling software (Amira), SHCA, University of Edinburgh.
- **2011 Cross sectional and surface histology Workshop: An application of Anthropological methods.** Teaching surface histology techniques (2-3 day intensive course)
- **2015-2019** Field School for anthropological analysis of modern skeletal remains. Crete, Crete.
- **2010-2014:** Field School for anthropological analysis of archaeological skeletal remains. Ibiza, Spain.
- **2008** EVAN Intensive Training Course “**Bone histology and growth, Museo Nacional de Ciencias Naturales (CSIC), Growth and development of the craniofacial complex (DHAL)**”, May 28-30, Madrid, Spain: Lecturing (*Introduction to bone histology Part II: General Aspects of Modeling and Remodeling processes and Applications*) and Laboratory work on moulding techniques and surface histology.
- **2004-2006:** Department of Forensic Sciences, School of Medicine, University of Crete, Greece: Forensic case studies, autopsy techniques, osteology, skeletal trauma.

## 9.ΕΠΙΒΛΕΨΗ ΦΟΙΤΗΤΩΝ ΚΑΙ ΕΡΕΥΝΗΤΩΝ

### 9.1 POST-DOCTORAL SUPERVISION

- Sophia Mavroudas, Texas State University (September to November 2022)
- Patricia Prado, University of Bahia, Brazil for a year (July 2014-June 2015).

### 9.2 PhD SUPERVISION

9.2.1 Έχω αναλάβει την επίβλεψη 5 διδακτορικών διατριβών από το 2019 που ανέλαβα στο Πανεπιστήμιο Κρήτης με τα παρακάτω θέματα.

| Name                 | Degree | Thesis topic   | Supervision type      | Έναρξη |
|----------------------|--------|--|-----------------------|--------|
| Χριστίνα Καρούδη     | PhD    | ΑΝΑΠΤΥΞΗ ΑΛΓΟΡΙΘΜΩΝ ΕΚΤΙΜΗΣΗΣ ΤΟΥ ΧΡΟΝΟΥ ΠΟΥ ΠΑΡΗΛΑΘΕ ΑΠΟ ΤΟΝ ΘΑΝΑΤΟ ΜΕ ΒΑΣΗ ΤΗΝ ΕΞΕΛΙΞΗ ΤΩΝ ΠΤΩΜΑΤΙΚΩΝ ΦΑΙΝΟΜΕΝΩΝ ΣΕ ΠΕΡΙΣΤΑΤΙΚΑ ΠΟΥ ΑΝΕΥΡΙΣΚΟΝΤΑΙ ΣΤΟΝ ΕΛΛΗΝΙΚΟ ΧΩΡΟ | Συνεπιβλέπων (ΕΚΠΑ)   | 2021   |
| Γαρουφαλιά Αμπανόζι  | PhD    | ΜΕΤΑΘΑΝΑΤΙΑ ΑΞΟΝΙΚΗ ΤΟΜΟΓΡΑΦΙΑ ΣΤΗΝ ΕΛΛΗΝΙΚΗ ΙΑΤΡΟΔΙΚΑΣΤΙΚΗ ΠΡΑΞΗ: ΔΙΑΓΝΩΣΤΙΚΗ ΑΞΙΟΠΙΣΤΙΑ ΕΥΡΗΜΑΤΩΝ ΚΑΙ ΠΡΟΣΔΙΟΡΙΣΜΟΥ ΑΙΤΙΑΣ ΘΑΝΑΤΟΥ.                                  | Κύρια Επιβλέπων (UoC) | 2021   |
| Ανδρέας Κοντογιάννης | PhD    | ΤΟ ΠΡΟΦΙΛ ΤΩΝ ΒΙΑΙΩΝ ΘΑΝΑΤΩΝ ΩΣ ΣΥΝΑΡΤΗΣΗ ΚΟΜΒΙΚΩΝ ΠΟΛΙΤΙΚΟ-ΟΙΚΟΝΟΜΙΚΩΝ ΑΛΛΑΓΩΝ ΤΗΣ ΤΕΛΕΥΤΑΙΑΣ 35ΕΤΙΑΣ: ΙΑΤΡΟΔΙΚΑΣΤΙΚΗ ΔΙΕΡΕΥΝΗΣΗ ΣΤΗΝ ΠΕΡΙΦΕΡΕΙΑ ΚΡΗΤΗΣ               | Κύρια Επιβλέπων (UoC) | 2021   |
| Βιργινία Δεληγιάννη  | PhD    | ΣΚΕΛΕΤΙΚΕΣ ΑΝΑΛΟΓΙΕΣ ΚΑΙ ΑΝΑΣΤΗΜΑ ΤΩΝ ΣΥΓΧΡΟΝΩΝ ΚΡΗΤΙΚΩΝ-ΙΑΤΡΟΔΙΚΑΣΤΙΚΕΣ ΕΦΑΡΜΟΓΕΣ   | Κύρια Επιβλέπων(UoC)  | 2020   |
| Μαρία Μαδεντζόγλου   | PhD    | ΕΚΤΙΜΗΣΗ ΤΗΣ ΗΛΙΚΙΑΣ ΜΕ ΒΑΣΗ ΤΗΝ ΜΕΤΑΜΟΡΦΩΣΗ ΤΗΣ ΚΛΕΙΔΑΣ   | Κύρια Επιβλέπων (UoC) | 2013   |

9.2.2 Έχουν ολοκληρωθεί με την επίβλεψη μου 9 διδακτορικές διατριβές και 2 μεταπτυχιακές εργασίες μεταπτυχιακών έρευνας (9 Κύριος Επιβλέπων/2 Συνεπιβλέπων):

| Name                       | Degree | Thesis topic  | Supervision type | Awarded |
|----------------------------|--------|---|------------------|---------|
| Andrea Bonicelli           | PhD    | Investigating rib biomechanical properties and their potential for Forensic applications                    | Primary          | 2020    |
| Asher Karell, Mara         | PhD    | Identifying the Disappeared: Testing a Novel Method for the Sorting of Commingled Human Remains             | Primary          | 2019    |
| Lill, Caroline Elizabeth   | PhD    | Bone histomorphometry and chronic metabolic disease   | Primary          | 2019    |
| Jean Dyer, Meaghan         | PhD    | Assessment of blunt 47ase trauma in the British and European Neolithic utilising a skin-skull-brain model   | Secondary        | 2019    |
| Michopoulou, Effrosyni     | MScR   | Age estimation using thin sections of clavicles from a modern Balkan autopsy 47ase d.                       | Primary          | 2018    |
| Joanna Helena Bonczarowska | MScR   | Measurements of the bony labyrinth and the lateral angle as age-independent methods used for sex assessment | Primary          | 2018    |
| Julieta Gomez Garcia-Donas | PhD    | Age estimation using thin sections of ribs from a modern Greek autopsy sample                               | Primary          | 2018    |
| Sedeyeh Mandan Kazzazi     | PhD    | Dental Metric Standards for Sex Estimation in Archaeological Populations from Iran                          | Primary          | 2017    |
| Langstaff, Helen           | PhD    | The heritability of facial morphology.  | Primary          | 2016    |
| Thiemann, Nicolle          | PhD    | Facing the past - In vivo facial soft tissue depths of a modern adult population from Germany               | Primary          | 2016    |
| Nathena, Despoina          | PhD    | Sex estimation from the metacarpals and calcanei in modern Cretans  | Secondary        | 2016    |

### 9.3 MSc SUPERVISION 2010-2022

#### Award 2022

1. Χριστοθέα Ζερβουδάκη: *Ιατροδικαστική διερεύνηση των ανθρωποκτονιών στην Κρήτη την περίοδο 1987-2021. (Μεταπτυχιακό Επείγουσα και Εντατική Θεραπεία Παιδών, Εφήβων, Ιατρική Σχολή, Πανεπιστήμιο Κρήτης).*

#### Award 2021

2. Θεοδώρα Κιούση: *Διερεύνηση των σωματικών βλαβών και θανάτων παιδιών και εφήβων στην Περιφέρεια Κρήτης: Επιδημιολογική και Ιατροδικαστική προσέγγιση (Μεταπτυχιακό Επείγουσα και Εντατική Θεραπεία Παιδών, Εφήβων Ιατρική Σχολή, Πανεπιστήμιο Κρήτης).*
3. Γεώργιος Καρακωνσταντάκης: *Τραυματισμοί Και Θανατηφόρες Κακώσεις Απο Πυροβόλα Όπλα στην Κρήτη. Αναδρομική Μελέτη 1990-2019. (Μεταπτυχιακό Επείγουσα και Εντατική Θεραπεία Παιδών, Εφήβων, Ιατρική Σχολή, Πανεπιστήμιο Κρήτης)*
4. Ελένη Κακαζιάνη: *Ζητήματα βιοηθικής στα ελληνικά καταστήματα κράτησης (Μεταπτυχιακό Δεοντολογία και Βιοηθική στις Ιατρικές Επιστήμες, Ιατρική σχολή, Παν. Θεσσαλίας)*

#### Award 2019

5. Lauren Reid: *3-Dimensional investigation of clavicle vasculature and its usefulness in osteological analysis using absorption based  $\mu$ CT scanning (Taught MSc in Osteoarchaeology, UoE<sup>1</sup>).*

#### Award 2018

6. Χριστίνα Καρύδη *Estimation of age-at-death using cortical bone histomorphometry of the rib and femur: A validation study on a British population (Taught MSc in Osteoarchaeology UoE)*
7. Rosalie Hospko *An examination of sharp force trauma and the use of synthetic bone models through the analysis and presentation of Pictish specimen LL3 (Taught MSc in Osteoarchaeology UoE)*
8. Kristin Pickerton *Macroscopic analysis of Synbone as a proxy for human crania (Taught MSc in Osteoarchaeology UoE)*
9. Kristen Walter *Ontogeny and Facial Approximation: A multifaceted Application and Analysis (Taught MSc in Osteoarchaeology UoE)*
10. Zoe McKittrick *Exploring the Functionality of Mesh-to-Mesh Value Comparison, an Innovative Three-Dimensional Pair-Matching Method, and the Implications for Re-Associating Commingled and Disarticulated Remains (Taught MSc in Osteoarchaeology UoE)*
11. Isabelle Evans *Sexual Dimorphism of the Femur in Four Contemporary European Populations: a Method for Sex Assessment (Taught MSc in Osteoarchaeology UoE)*
12. ValeriaYon *Pair-matching first ribs in commingled remains using mesh-to-mesh value comparison (Taught MSc in Osteoarchaeology UoE)*

#### Award in 2017

13. Kara Adams. *The Frontal Sinus: An Experimental Study in Personal Identification and Determination of Sex. (Taught MSc in Osteoarchaeology UoE)*
14. Erika Burgess. *The Timing of Craniofacial Fractures using CT and 3D Modeling: Distinguishing Between Perimortem Trauma and Postmortem Damage. (Taught MSc in Osteoarchaeology UoE)*
15. Justina Zivic. *The Children of Agios Georgios. (Taught MSc in Osteoarchaeology UoE)*
16. Chris Somos. *Facial Soft Tissue Thickness Database for Craniofacial Approximation of Cretan Adults. (Secondary supervisor, MSc in Biomedical Imaging, University of Glasgow)*
17. Efthymia Tsitsou: *Paleopathology of an archaeological cemetery population from Peloponnese (Secondary supervisor, University of Patras)*
18. Panagiotis Sianis. *Metric assessment of an archaeological cemetery from Peloponnese (Secondary supervisor, University of Patras)*

#### Award in 2016

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<sup>1</sup> University of Edinburgh

19. Andrea Bonicelli. *Age estimation based on the biomechanical properties of the human rib* (Taught MSc in Forensic Anthropology UoE).
20. Seth Taylor. *An Experimental Study of Synbone Ballistic Spheres as a Proxy to Human Crania, Using Six Different Handgun Calibers.* (Taught MSc in Forensic Anthropology UoE)
21. CK Franklin. *Bilateral Asymmetry of Femora in a Modern Cretan Population and Their Use for Pair-Matching Commingled Human Skeletal Remains.* (Taught MSc in Forensic Anthropology UoE)
22. Irina Filipa Patricio Oliveira. *Anatomy in 3D: Sex estimation using metric analysis of the First and Second cervical vertebrae on a Cretan population.* (Taught MSc in Forensic Anthropology UoE)
23. Angharad Brewer Gillham. *Hats Off: An Experimental Model for the Human Head and Cranial Blunt-Force Trauma.* (Taught MSc in Forensic Anthropology UoE)
24. Alexandra Mascolo. *A synthetic model for recreating cranial trauma associated with Khmer Rouge victims.* (Taught MSc in Osteoarchaeology UoE)
25. Katie Bourgeau. *3D-ID and the Determination of Sex in Contemporary Cretans Using Geometric Morphometrics.* (Taught MSc in Forensic Anthropology UoE)
26. Ashley Norman. *Pair-Matching of Commingled Remains Using Three-Dimensional Models of Adult and Juvenile Parietal Bones.* (Taught MSc in Forensic Anthropology UoE)

#### Award in 2015

27. Robertson, Lisa. *Decomposition Rates in Crete: a retrospective study.* (Taught MSc in Forensic Anthropology UoE)
28. Nasseri, Farrah. *Manual Forensic Craniofacial Approximation of an Unidentified Skull using the Manchester Method*(Taught MSc in Forensic Anthropology UoE)
29. Ruchonnet, Antoine. *Cranial BFT trauma on free-moving versus resting on solid surface head: an experimental study using SUNBONE spheres.* (Taught MSc in Forensic Anthropology UoE)
30. Mallory Diehl. *Blunt force trauma with SYNSTONE-testing patterns with different materials.* (Taught MSc in Forensic Anthropology UoE)
31. Gutekunst Mary. *Pairmatching with mesh to mesh method calcaneus.* (Taught MSc in Forensic Anthropology UoE)
32. Kelsey Jorgensen. *Activity markers on the humerus in modern Cretans.* (Taught MSc in Osteoarchaeology UoE)
33. Mary Kilduff. *Pairmatching with mesh to mesh method first rib.* (Taught MSc in Forensic Anthropology UoE)
34. Kimberley Nash. *Bilateral assymetry mesh to mesh-calcaneus.* (Taught MSc in Forensic Anthropology UoE)
35. Ashley Scholl. *Age estimation baseed on histomorphometry in modern Cypriots.* (Taught MSc in Forensic Anthropology UoE)
36. Haley Pereira. *Dental health of the Agios Nikolaos site in Lasithi, Crete.* (Taught MSc in Osteoarchaeology UoE)

#### Award in 2014

37. Albietz, Lukas. *A systematic geometric morphometric facial analysis of anger proneness: Exploring forensic applications.* (Taught MSc in Forensic Anthropology UoE)
38. Capps, Ashley. *Profiling of Archaeological Skull Collection from Ibiza, Spain.* (Taught MSc in Osteoarchaeology UoE)
39. Hice, Ann. *Postmortem versus Antemortem Fracture Patterns on Long Bones* (Taught MSc in Forensic Anthropology UoE)
40. Lay, Monika. *The Use of Three Dimensional Modeling of the Temporal Bones in the Sorting of Commingled Human Skeletal Remains.* (Taught MSc in Forensic Anthropology UoE)
41. Lay, Lilly. *The Use of Three Dimensional Modeling of the Temporal Bones in the Sorting of Commingled Human Skeletal Remains.* (Taught MSc in Forensic Anthropology UoE)
42. Mannion, Ciara. *Manual Three-Dimensional Facial Approximation: A German Case Study.* (Taught MSc in Forensic Anthropology UoE)
43. Morris, Hannah. *Methods for the Identification of deceased individuals.* (Taught MSc in Forensic Anthropology UoE)

44. Murray, Elizabeth. *Assessing the Validity of Scoring Cranial Suture Closure to Estimate Age at Death, Through 3D Reconstruction of CT Scans.* (Taught MSc in Forensic Anthropology UoE)
45. Portwood, Jack. *Simulation of a Mass Grave for Forensic Identification Purposes.* (Taught MSc in Osteoarchaeology UoE)
46. Tang, Yi-Hua. *Cranial Blunt Force Trauma Analysis Case Study with Experimental Models.* (Taught MSc in Forensic Anthropology UoE)
47. Traithepchanapai, Pongpon. *Age Estimation Based on the Metamorphosis of the Clavicle in a Modern Thai Population.* (Taught MSc in Forensic Anthropology UoE)
48. Moore, Ashley. *Virtual Analysis of Blunt Force Trauma Fracture Patterns on *Sus scrofa domesticus* Crania Using Computerized Tomography Scans.* (Taught MSc in Forensic Anthropology UoE)
49. Papadimitriou Vasileios. *Age estimation on the metamorphosis of the clavicle in Greeks* (Secondary supervisor, MSc in Statistics & Operational Research, UoE)

#### Award in 2013

50. Prime, Benjamin. *Identification Through Tattoos.* (Taught MSc in Forensic Anthropology UoE)
51. Graham, Leah. *Sorting Commingled Remains for the International Criminal Court: Simulation of a mass grave for forensic identification purposes.* (Taught MSc in Forensic Anthropology UoE)
52. May, Jacob Andrew. *Sexual Dimorphism present in cross-diagonal crown and cervical diameters and volume in Cretan molars.* (Taught MSc in Forensic Anthropology UoE)
53. Brewster, Rachael. *Investigation of sharp force trauma morphology using CT imaging.* (Taught MSc in Forensic Anthropology UoE)
54. Foster, Caylae-Jane. *Virtual reconstruction of fatal trauma: An aid to forensic interpretation.* (Taught MSc in Forensic Anthropology UoE)
55. Christina Coculuzzi. *We are what we eat: Stable Isotope Analysis of Can Miseses Population and Forensic Applications.* (Taught MSc in Osteoarchaeology UoE)
56. Lille, Caroline. *A Histological Study of Extra-spinal Hyperostosis related to Diffuse Idiopathic Skeletal Hyperostosis (DISH): A Comparison of Two Case Studies.* (Taught MSc in Forensic Anthropology UoE)
57. Duke, Jeffrey. *Histological estimation of age at death using osteon counts in the left fourth rib.*
58. Karell, Mara. *Sorting Commingled Human Remains Using Digital Three-dimensional Models of Bone: A Pilot Study and Its Implications for Forensic Anthropology.* (Taught MSc in Forensic Anthropology UoE)
59. Sinclair, Fraser. *Sex Estimation of the Sacrum by 3D Imaging.* (Taught MSc in Forensic Anthropology UoE)
60. Ashly, Kyra. *Accuracy test of Osipov's method of sexual determination using 3D models of the bony labyrinths of juvenile.* (Taught MSc in Forensic Anthropology UoE)

#### Award in 2012

61. Holt Tessa. *The complexity of Musculoskeletal Stress Marker: A critical overview of methodological procedures analysed via literature review and visual analysis of archaeological skeletal populations.* (Taught MSc in Forensic Anthropology UoE)
62. Girdwood, Laura Kate. *A comparative analysis of dental non-metric traits in three Ibizan populations (c.3rd -12th cent AD).* (Taught MSc in Osteoarchaeology UoE)
63. Mora Quintero, Catalina. *Sexual Dimorphism in the Petrous Portion: A virtual morphometric analysis of the Lateral Angle of the Internal Auditory Meatus and the Cranial Base.* (Taught MSc in Forensic Anthropology UoE)
64. Harris, Florence. *Histological Age Estimation from Ribs: Preliminary Assessment of the Intra-variation in the Number of Osteons in Six Ribs.* (Taught MSc in Forensic Anthropology UoE)
65. McKittrick, Krista. *Diet and sexual dimorphism of the human skeleton.* (Taught MSc in Forensic Anthropology UoE).
66. Ulrich, Nina. *Sharp force trauma evaluation by means of 3D reconstructions – advantages and disadvantages in terms of skeletal trauma analysis.* (Taught MSc in Forensic Anthropology UoE)
67. David Titterington. *Sex Estimation Based on Cranial Non-Metric Traits: Testing multiple logistic regression models.* (Secondary supervisor, MSc in Statistics UoE)

#### Award in 2011

68. Carbaugh Aimée E. *Dental Analysis of Diet and Health for a Roman Necropolis Population from Ibiza (Spain)*. (Taught MSc in Osteoarchaeology UoE)
69. Logie Chandra. *The Extent of the Contributions and Limitations from Forensic Anthropology to Investigations of Human Rights Violations*. (Taught MSc in Forensic Anthropology UoE)
70. Skibinska Aleksandra. *Sex estimation from the analysis of the mandible using CT scans and 3D imaging technology*. (Taught MSc in Forensic Anthropology UoE)
71. Meadows Kathryn. *Experts, Admissibility and Anthropology: An Analysis of Forensic Anthropology and Expert Testimony*. (Taught MSc in Forensic Anthropology UoE)
72. Jones Molly. *Sexual dimorphism of Crania from a modern Cretan population using three-dimensional geometric morphometrics*.
73. Thiemann Nicolle. *Growth and Development Patterns of the Mandible via Surface Histology*. (Taught MSc in Forensic Anthropology UoE)
74. Osipov Benjamin. *Sexual Dimorphism of the Bony Labyrinth: Applications in Forensic Anthropology and Osteoarchaeology*. (Taught MSc in Forensic Anthropology UoE)
75. Gómez Martínez Rocio. *Comparative analysis of dental non-metric variation between two archaeological populations of Ibiza, Spain (4th - 12th AD)*. (Taught MSc in Osteoarchaeology UoE)
76. Donnellan Samantha. *Comparative Morphology of Sharp Force Trauma to the Cranium using High Resolution Casts*. (Taught MSc in Forensic Anthropology UoE)
77. Wilson Yana. *The examination of physiological stress markers in juveniles from Poulton, England and Ballumbie, Scotland*. (Taught MSc in Forensic Anthropology UoE)
78. Chenette Susan. *Markers of Occupational Stress in a Roman-Era Cemetery Collection from Ibiza, Spain*. (Taught MSc in Forensic Anthropology UoE)
79. Gomez Garcia-Donas, Julieta. *Sexual Dimorphism in an Archaeological Population from Ibiza, Spain*. (Taught MSc in Forensic Anthropology UoE)
80. Brown, Catriona. *Demographic data from the Via Punica and Joan Planes populations from Ibiza, Spain*. (Taught MSc in Forensic Anthropology UoE)

#### Award in 2010

81. Fleming-Farrell, Dara. *Reconstructed Three-Dimensional Computed Tomography Imaging As A Tool To Distinguish Between Peri-Mortem Cranial Trauma And Postmortem Cranial Damage*. (Taught MSc in Forensic Anthropology UoE)
82. Niermeijer, Jessica. *Exploring frontal sinus morphology in modern Greek population*(Taught MSc in Forensic Anthropology UoE)
83. Harris, Sarah. *Sex Assessment From Dental Measurements: The Example of Can Fonoll Cemetery Population*. (Taught MSc in Forensic Anthropology UoE)
84. Langstaff, Helen. *Demographic data of the Can Fonoll Islamic population from Ibiza, Spain*. (Taught MSc in Forensic Anthropology UoE)
85. Samuels, Cara. *Analysis of Bone Histology as an Ageing Method*. (Taught MSc in Forensic Anthropology UoE)
86. Tahiri, Anila. *Estimation of Age at Death using 3D models of the pubic symphysis in contemporary Cretans: first step in creation of the digital library for the populations living in South Eastern Europe*. (Taught MSc in Forensic Anthropology UoE)
87. Cary, Emma. *Morphological Sex Assessment of a Cretan Population using 3 Dimensional Reconstructions of Cranial CT Scans*. (Taught MSc in Forensic Anthropology UoE)
88. Dulohery Kate: *The Comparison of Two Methods to Estimate Coronary Artery Stenosis in Post-mortem Examination*. (Taught MSc in Forensic Anthropology UoE)
89. Cooper, Lindsay. *Skeletal development: Considerations in the assessment of blunt force trauma in 16-25 year olds*. (Taught MSc in Forensic Anthropology UoE)

#### **9.4 Erasmus Supervision 2015-2022 (6)**

- Vincent Bonnardeaux, Medical School, Canada (August 2022, Crete-Research Exchange (SCORE) of the International Federation of Medical Students' Associations (IFMSA)) (Erasmus in Crete. Greece)

- Júlía Comerma Calatayud, Medical School, University of Balencia, Spain (August 2022, Crete-Research Exchange (SCORE) of the International Federation of Medical Students' Associations (IFMSA))(Erasmus in Crete. Greece)
- Effrosyni Michopoulou, Biology, University of Athens, Greece (Erasmus in Edinburgh UK)
- Konstantina Tsiminikaki, Biology, University of Crete (Erasmus in Edinburgh UK)
- Panagiotis Sianis, Geology, University of Patras, Greece (Erasmus in Edinburgh UK)
- Efthymia Tsitsou, Geology, University of Patras. Greece (Erasmus in Edinburgh UK)

## **ΣΥΝΟΨΗ ΕΠΙΒΛΕΨΗΣ**

Επιβλέπων μεταδιδακτορικών ερευνητών: 2

Επιβλέπων διδακτορικών διατριβών που έχουν ολοκληρωθεί: 7

Συνεπιβλέπων διδακτορικών διατριβών που έχουν ολοκληρωθεί: 2

Επιβλέπων διδακτορικών διατριβών υπό εξέλιξη: 4

Συνεπιβλέπων διδακτορικών διατριβών υπό εξέλιξη: 1

Επιβλέπων MScR (Μεταπτυχιακό έρευνας): 2

Επιβλέπων MSc: 83

Συνεπιβλέπων MSc: 5

Επιβλέπων φοιτητών Erasmus: 6

### 9.1 Εξωτερικός εξεταστής Μεταπτυχιακών και Διδακτορικών Διατριβών

1. Doctoral thesis. Title: *A comparison of multifactorial statistical models for age-at-death estimation from the adult skeleton, tailored to a South African forensic context*. University of Witwatersrand, Johannesburg, Africa. (June 2021)
2. Doctoral thesis. Title: *Morphometric study of long bones histology*. University of Dundee, Scotland UK.
3. Doctoral thesis. Title: *Identification of human vs non-human bone. Microscopic vs analytical techniques*. University of Cranfield, UK (examined in January 2019).
4. MPhil thesis. Title: *A comparative study of vertebral pathologies and anomalies in two medieval British populations*. John Moores Liverpool University, UK (July 2018).
5. Doctoral thesis. Title: *Forensic Odontology: Application in the Mediterranean Area*. University of Huddersfield, UK. (November 2018).
6. Doctoral thesis titled "Forensic Anthropology - An insight into Sexual Dimorphism of skull in a North Indian Population" (Forensic Medicine) Banaras Hindu University, India Ref. No I/144-IMS. June 2012
7. Doctoral thesis titled "Forensic Anthropology - Sexual Dimorphism of the long bones in a North Indian Population" (Forensic Medicine) Banaras Hindu University, India . Ref. No I/140-IMS. May 2012

### 9.2 Κριτής Ερευνητικών προτάσεων για χρηματοδότηση

- Irish Research Council (Εθνικό Ίδρυμα Ερευνών Ιρλανδίας)
- Polish Research Council(Εθνικό Ίδρυμα Ερευνών Πολωνίας)

### 9.3 Κριτής σε επιστημονικά περιοδικά

- Forensic Science International
- International journal of Legal Medicine
- American Journal of Physical Anthropology
- PLOS one
- Royal Society Open Science
- Science and Justice
- Journal of Forensic Sciences
- Anthropologische Einzeiger
- International journal of Osteoarchaeology
- Egyptian Journal of Forensic Sciences
- Australian Journal of Forensic Sciences
- Journal of Archaeological and Anthropological Sciences
- HOMO
- Collegium Anthropologicum
- Journal of Forensic Radiology and Imaging
- Clinical Anatomy

Κάποιες από τις κρισεις έχουν αναρτηθεί στην ιστοσελίδα του Elsevier:  
<http://www.reviewerpage.com/ekranioti>

#### 9.4 Επιστημονική επιμέλεια

- Member of the Editorial Board of [Mediterranean Archaeology and Archaeometry](#) (MAA).
- Guest editor for a special issue in Biology "New Methods and Applications in the Study of Bone Histomorphometry and Biomechanics"  
[https://www.mdpi.com/journal/biology/special\\_issues/bone\\_histomorphometry\\_biomechanics](https://www.mdpi.com/journal/biology/special_issues/bone_histomorphometry_biomechanics)

### 11.1 ΔΙΕΥΘΥΝΤΡΙΑ ΜΟΝΑΔΑΣ ΙΑΤΡΟΔΙΚΑΣΤΙΚΗΣ ΠΑΓΝΗ (Από Σεπτ 2021)

### 11.2 ΜΕΛΟΣ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΕΤΑΙΡΙΩΝ

- Hellenic Society of Forensic Medicine and Forensic Sciences (Elected Board Member 2022-2014)
- International Academy of Legal Medicine (**IALM**)
- Forensic Anthropology Society Europe (**FASE**)
- Medical Association Heraklion (**ISH**)

### 11.3 ΜΕΛΟΣ ΕΠΙΤΡΟΠΩΝ

- Μέλος Επιστημονικής Επιτροπής Αγγλόφωνου Μεταπτυχιακού Προγράμματος Ιατρικής Σχολής Πανεπιστημίου Κρήτης με τίτλο «MSc in Forensic Medicine, Anthropology and Imaging)-έναρξη 2023
- Μέλος Επιτροπής Μεταπτυχιακών Σπουδών Ιατρικής Σχολής Πανεπιστημίου Κρήτης (2019-2021)
- Μέλος Επιτροπής Διασύνδεσης Φοιτητών Ιατρικής-Αποφοίτων Ιατρικής Σχολής Πανεπιστημίου Κρήτης -Υπο-Επιτροπή Διεθνών Σχέσεων-Erasmus (2020-2022)
- Μέλος Επιτροπής Επαγγελματικών Θεμάτων Ιατρικής Σχολής Πανεπιστημίου Κρήτης (2021-2022)
- Μέλος Επιτροπής Χωροταξίας Ιατρικής Σχολής Πανεπιστημίου Κρήτης (2021-2022)
- Μέλος Επιτροπής Μουσείου Ιατρικής Σχολής Πανεπιστημίου Κρήτης (2019-2022)
- Member of the Irish Research Council Postdoctoral International Assessment Board (2016-2022)
- Member of the Polish National Research Institute (since 2017).
- Board Member of the Forensic Anthropology Society Europe (FASE)- (2015-2022)
- Chair of Forensic Pathology of the Balkan Academy of Forensic Sciences (2013-2015)
- Member of the Academic Programs Committee of the British Association of Forensic Anthropology (2012-2014)
- Member of the Research and Development Committee of the British Association of Forensic Anthropology (2012-2014)
- Deputy Chair of External Examiners board for Archaeology, SHCA, University of Edinburgh (2011-2019)
- Examiners Officer SHCA, University of Edinburgh (2015-2019)
- Co-author of the Ethical standards for research involving human remains at the SHCA (2014)
- Founding member of the Edinburgh Forensic Radiology and Anthropology Centre (EFRAIC)
- Group leader of the Edinburgh Unit for Forensic Anthropology (EUFA) research group (2011-2019)
- Member of the Ethics Committee, School of History, Classics and Archaeology, University of Edinburgh (2010-2019)
- Member of the Research Committee, Archaeology, University of Edinburgh (2015-2019)
- Member of the Online Distance Learning subcommittee School of History, Classics and

#### 11.4 ΔΙΟΡΓΑΝΩΣΗ ΣΥΝΕΔΡΙΩΝ

Μέλος Οργανωτικής Επιτροπής στα παρακάτω σεμινάρια και συνέδρια:

- **FASE Basic Course in Forensic Anthropology and One Day Symposium**  
September 26-October 1st, 2022, Heraklion, Crete, Greece. (Πρόεδρος Οργανωτικής Επιτροπής).
- **Επιστημονική Ημερίδα “Επιστημονικές Εξελίξεις στην Ταυτοποίηση και Διερεύνηση του Θανάτου”**, Ιατρική Σχολή Πανεπιστημίου Κρήτης, Ηράκλειο, 28 Σεπτ, 2019, Κρήτη. (Πρόεδρος Οργανωτικής Επιτροπής).
- **FASE Advanced Course in Forensic Anthropology and One Day Symposium**  
(Virtual) November 11-13, 2021.
- **Introduction to bone and dental histology**. Invited workshop at the 9th Annual Meeting of the Balkan Academy of Forensic Sciences, June 12th-15th 2013 Istanbul, Turkey.
- 2011-2015: **Cross sectional and surface histology Workshop**: An application of Anthropological methods. 2-day intensive seminar, University of Edinburgh, UK.
- EVAN (European Virtual Anthropology Network) Intensive Training Course **“Bone histology and growth, Museo Nacional de Ciencias Naturales (CSIC), Growth and development of the craniofacial complex (DHAL)”**, May 28-30, Madrid, Spain
- **Second annual meeting of the Balkan Academy of Forensic Sciences**, 3rd-6th June 2004, Serres, Greece.

## 12. ΣΥΜΒΟΛΗ ΣΤΗΝ ΑΝΤΑΛΛΑΓΗ ΓΝΩΣΕΩΝ ΜΕ ΔΙΑΔΡΑΣΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ ΕΠΙΜΟΡΦΩΣΗΣ

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### **Α) ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΡΗΤΗΣ**

#### **2022 Τα μυστικά του ανθρώπινου σκελετού.**

Πρόγραμμα επιμόρφωσης δευτεροβάθμιας εκπαίδευσης σε συνεργασία με το Μουσείο Ιατρικής Πανεπιστημίου Κρήτης. Το προτεινόμενο διαδραστικό πρόγραμμα παρουσιάζει στους μαθητές την βασική σκελετική ανατομία του ανθρώπινου σκελετού και τις βασικές μεθόδους που χρησιμοποιεί η επιστήμη για να εξάγει σημαντικές πληροφορίες για τον τρόπο ζωής αλλά και τον τρόπο θανάτου του ατόμου αυτού.

### **Β) ΠΑΝΕΠΙΣΤΗΜΙΟ ΕΔΙΜΒΟΥΡΓΟΥ**

#### **2018 Polyphonic Murders: a holographic biography of trauma (Edinburgh, UK):**

Event and exhibition with interactive activities held at the Ocean Terminal as part of the Leith Festival. Visitors had the opportunity to see a series of historical murders in different representations (holograms, animations, drawings), to attend scientific talks about the history, the forensic analysis and interpretation of the skeletal evidence, to see printed casts and weapons related in these cases and experience the forensic reconstruction in virtual reality. Children had also the opportunity to attend the event and try to find our “Time travelling assassins” in the Mall. People also had the opportunity to test the recognition skills by trying to identify “missing persons” in a pool of photographs by looking and forensic 2d reconstructions. The event and exhibition included an art exhibition on violence. Questionnaires were circulated to get people’s opinion on violence, different representations and display options, art-science exhibition and the content of the event in general. Over 100 people responded very positively. All activities were sold out and about 1000 visitors are estimated to have joined the events.:<http://www.polyphonicmurders.com/>

#### **2018, March 10. BBC Civilisation Festival. The Life and death of a Pictish Man. McManus Museum and Galleries, Dundee, UK.**

The BBC Civilisations event is a partnership between The McManus: Dundee's Art Gallery and Museum, the Edinburgh Unit for Forensic Anthropology Research group (EUFA) of the University of Edinburgh (UoE) and the University of Dundee’s Centre for Anatomy and Human Identification (CAHID). Participants came to The McManus to learn about how the Picts lived, they were invited to the Collections Unit to investigate the death of one Pictish man using the latest forensic technology (material provided by myself with EUFA members). New evidence revealed injuries for the first time that may have been responsible for his death. According Christina Donald, Curator of Early History at The McManus, the event was sold out (30/30) while on the day 51 persons attended. It is interesting to note that only 6/16 (37.5%) of the participants attend regularly similar events while 62.5% were not regular attendees. Yet, the vast majority of the participants (94%) gave very positive feedback stating that they were willing to attend such events in the future and that they would recommend them to others. A full report can be seen in PURE.

#### **2017, March St Leonards School, St Andrews, UK:**

Event for S2/S3 pupils (ages 13-14). This event was designed to educate students on anatomy focusing on a historical perspective on interpersonal violence. The students were provided with plastic skeletons and 3D-printed casts and weapons for an experimental experience.

**2015-2017, Kickstart (Edinburgh, UK):**

Kickstart is a partnership between the University of Edinburgh, Edinburgh Napier University, Queen Margaret University, and Scotland's Rural College. Kickstart is designed to provide S5-S6 school students mainly from the Lothians with an experience of University. EUFA provided one of many workshops offered by the four partners. The workshop was well attended and got great reviews.

Reviews: All found it useful, enjoyable and said the content was 'just right'

**2014-2017 Lothian Equal Access Program for Schools [LEAPS/ High Flyers](Edinburgh, UK)**

Event for S4/S5 pupils (ages 14-16). LEAPS is a successful, unique and expanding participation programme, funded by higher education institutions and local council partners, to promote higher education in South East Scotland. This program gave children from disadvantaged areas of South East Scotland access to our laboratory settings and activities in order to increase their familiarity with higher education. Students choose workshops from different subject areas offered by University of Edinburgh, Edinburgh Napier University, and Queen Margaret University. Workshops given by Edinburgh Unit for Forensic Anthropology are amongst the most popular and highly ranked in satisfaction questionnaires.

**2017, Waverly Mall Time Trail (Edinburgh, UK):**

Event geared toward children to promote the Year of History, Heritage and Archaeology and the International Science Festival. Children could perform a basic forensic facial reconstruction by applying the underlying muscles to a 3D-printed plastic skull.

**2017, National Museum of Scotland – Murder at the Museum (Edinburgh, UK)**

Organized and ran an event about how forensic anthropologists solve murders for Explorathon 2017 (the European Research Night), which included hand-on activities of basic biological profiling, facial reconstruction and trauma analysis of both modern and archaeological specimens. This event had over 600 attendees.

**2015, Villains Victims And Forensic Evidence:** public talks in forensics. Event fully booked. University of Edinburgh.

**2014, Skills Scotland exhibition:** I was also invited to participate in Skills Scotland (November 13th, 2014), an interactive careers and skills exhibition for local schools which is anticipated to host 2,500 visitors. Edinburgh Unit for Forensic Anthropology, the research group I lead while in Edinburgh, was given a free place in this event which normally has a cost for participation.

**2012, The Rhing mummy project in collaboration with the National Museum of Scotland (Edinburgh, UK):**

The virtual study of the Rhind mummy was part of the Fascinating mummies Exhibition (Febr-May 2012). I provided a biological profile and interpreted CT scans with 3D visual tools. The new evidence was presented in two videos that were used in the exhibition to communicate exceptional insights into the lives, diseases, religious rituals, and social structures of a past society. Over 62,000 visitors came to the exhibition, and their enthusiastic response demonstrates the future potential for employing innovative technology in the study of the past. The video material created for the exhibition and made available on the web (through vimeo.com) received 2,334 plays in the period May 2012-May 2013. I was interviewed for BBC Radio 4 Woman's Hour (UK) and BBC

Arabic (International) and Radio Crete (Greece). While the exhibition was running, on 31 March, as part of the Edinburgh International Science Festival, I gave a public lecture and workshop on the 3D reconstruction of the Rhind Mummy using medical imaging data. Participation was limited to 50 and the event was filled to capacity. The participants were enthusiastic and fascinated by the unfolding of the mummy's secrets with the aid of Modern Imaging Technology. This triggered mutually beneficial conversations and interaction between the members of the research team and the public. The project was featured on AuntMinnie.com and AuntMinnieEurope.com, two highly respected online daily news publications for radiologists worldwide. The media attention attracted the interest of Hologica, a holographic company that collaborated in the creation of a Rhind Hologram for the world's biggest Holography Museum (MIT, Cambridge, US). The impact of my research has been acknowledged by the SHCA, and the Rhind mummy was submitted as a case study to Archaeology REF 2014. I was invited to exhibit the Rhind Hologram at the CHSS KE event in Summerhall (April 24, 2014). My case study was listed amongst the top 10 impact cases within the College and one of the 5 showcases of the event.

**2012 Sharp force trauma project (Scotland, UK):**

My project on experimental sharp force trauma constitutes an innovative approach to documentation of trauma injuries on animal models in order to create a database that can assist the Police in weapon identification in forensic cases. The project, funded by the Challenge Investment Fund for a year, attracted tremendous interest and I was invited by the Scottish Radiological Society, the Edinburgh Radiological Society and the Scottish Scientific Police to present my results. The SSP seminar has CPD credits and was video-conferenced in all Scottish Scientific Police departments. Preliminary results have also been presented in a knowledge exchange event at the SHCA (Villain Victims and Forensic evidence, December 2012).