Dan Nana Osei Bonsu

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RESEARCH

Interests	Forensic Sciences · Analytical Chemistry · Molecular Biology · Toxicological Analysis
Areas	Genetics · Molecular Biology · Public Health, Environmental and Occupational Health · Artificial Intelligence · Cancer Research · Ecology

RESEARCH SUMMARY

9	231	9	9	1.71	11%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 9 publications listed below, 2017–2022. Field-weighted impact is the mean over the 9 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 9 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2023–present
Chemistry and Forensic Science, Griffith University, Brisbane, Australia

Forensic Scientist 2022–2023
Forensic DNA Analysis, Forensic Science Queensland, Briabane, Australia

EDUCATION AND QUALIFICATIONS

PhD (Forensic Molecular Biology) 2019–2023
Forensic Sciences, The University of Adelaide, Adelaide, Australia

Erasmus Mundus MSc in Forensic Science 2013–2015
Forensic Sciences, University of Lincoln, Lincoln, United Kingdom

MSc Biotechnology 2009–2011
Biochemistry and Biotechnology, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

BSc Human Biology (Hons) 2004–2008
Human Biology, University of Cape Coast, Cape Coast, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

The Chartered Society of Forensic Sciences Research Scholarship 2020
The Chartered Society of Forensic Sciences, Harrogate, United Kingdom

ANZFSS SA Brach Symposium Award 2020
Australian and New Zealand Forensic Science Society (ANZFSS), SA Branch, Adelaide, Australia

Bill Retalic Prize for Science and Justice 2019
Faculty of Science, University of Adelaide, Adelaide, Australia

Adelaide Scholarship International 2019
University of Adelaide, Adelaide, Australia

Member (Professional) 2019–present
The Chartered Society of Forensic Sciences, Harrogate, United Kingdom

Australian and New Zealand Forensic Science Society 2019–present
Adelaide, Australia

Erasmus+ Staff Mobility for Teaching and Training 2018
Education, Audiovisual and Culture Executive Agency, Brussels, Belgium

University Teachers Association of Ghana 2016–present
Cape Coast, Ghana

Vice President 2016–present
Forensic Science Society of Ghana, Accra, Ghana

Erasmus Mundus Masters Scholarship 2013
University of Lincoln (UK), University of Cordoba (Spain) & Egas Moniz CRL (Portugal), Education Audiovisual and Culture Executive Agency, Brussels, Belgium

Erasmus Mundus Students & Alumni Association (EMA) 2013–present
PRnet, Brussels, Belgium

PUBLICATIONS

Journal articles 9

1. **Dan O.M. Bonsu**, Constance B. Afoakwah, Maxwell Abedi, Denice Higgins, Jeremy J. Austin (2022). Ethics reporting in forensic science research publications – A review. *Forensic Science International*. https://doi.org/10.1016/j.forsciint.2022.111290
2. **Dan O. M. Bonsu**, Matthew Rodie, Denice Higgins, Julianne Henry, Jeremy J. Austin (2021). Comparison of Isohelix™ and Rayon swabbing systems for touch DNA recovery from metal surfaces. *Forensic Science Medicine and Pathology*. https://doi.org/10.1007/s12024-021-00423-8
3. **Dan Osei Mensah Bonsu**, Constance Afoakwah, Maria de la Paz Aguilar-Caballos (2021). Counterfeit formulations: analytical perspective on anorectics. *Forensic Toxicology*. https://doi.org/10.1007/s11419-020-00564-5
4. Maxwell Abedi, **Dan O. M. Bonsu**, Isaac K. Badu, Richmond Afoakwah, Pooja Ahuja (2021). Spectroscopic (analytical) approach to gunshot residue analysis for shooting distance estimation: a systematic review. *Egyptian Journal of Forensic Sciences*. https://doi.org/10.1186/s41935-021-00253-3
5. **Dan O. M. Bonsu**, Denice Higgins, Julianne Henry, Jeremy J. Austin (2020). Evaluation of the efficiency of Isohelix™ and Rayon swabs for recovery of DNA from metal surfaces. *Forensic Science Medicine and Pathology*. https://doi.org/10.1007/s12024-020-00329-x
6. **Dan Osei Mensah Bonsu**, Denice Higgins, Jeremy J. Austin (2020). Forensic touch DNA recovery from metal surfaces – A review. *Science & Justice*. https://doi.org/10.1016/j.scijus.2020.01.002
7. Maxwell Abedi, Constance Afoakwah, **Dan Nana Osei Mensah Bonsu** (2020). Lip print enhancement: review. *Forensic Sciences Research*. https://doi.org/10.1080/20961790.2020.1751396
8. Aaron O. Amankwaa, Emmanuel Nsiah Amoako, **Dan Osei Mensah Bonsu**, Moses Banyeh (2019). Forensic science in Ghana: A review. *Forensic Science International Synergy*. https://doi.org/10.1016/j.fsisyn.2019.07.008
9. Desmond O. Acheampong, Christian K. Adokoh, Du-Bois Asante, Ernest A. Asiamah, Prince A. Barnie, **Dan O.M. Bonsu**, Foster Kyei (2017). Immunotherapy for acute myeloid leukemia (AML): a potent alternative therapy. *Biomedicine & Pharmacotherapy*. https://doi.org/10.1016/j.biopha.2017.10.100