

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 Chemistry and Forensic Science, Griffith University, Brisbane, Australia	2023–present
Forensic Scientist Forensic DNA Analysis, Forensic Science Queensland, Briabane, Australia	2022–2023

EDUCATION AND QUALIFICATIONS

PhD (Forensic Molecular Biology) Forensic Sciences, The University of Adelaide, Adelaide, Australia	2019–2023
Erasmus Mundus MSc in Forensic Science Forensic Sciences, University of Lincoln, Lincoln, United Kingdom	2013–2015
MSc Biotechnology Biochemistry and Biotechnology, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana	2009–2011
BSc Human Biology (Hons) Human Biology, University of Cape Coast, Cape Coast, Ghana	2004–2008

DISTINCTIONS, MEMBERSHIPS AND SERVICE

The Chartered Society of Forensic Sciences Research Scholarship The Chartered Society of Forensic Sciences, Harrogate, United Kingdom	2020
ANZFSS SA Brach Symposium Award Australian and New Zealand Forensic Science Society (ANZFSS), SA Branch, Adelaide, Australia	2020
Bill Retalic Prize for Science and Justice Faculty of Science, University of Adelaide, Adelaide, Australia	2019
Adelaide Scholarship International University of Adelaide, Adelaide, Australia	2019

Member (Professional) The Chartered Society of Forensic Sciences, Harrogate, United Kingdom	2019–present
Australian and New Zealand Forensic Science Society Adelaide, Australia	2019–present
Erasmus+ Staff Mobility for Teaching and Training Education, Audiovisual and Culture Executive Agency, Brussels, Belgium	2018
University Teachers Association of Ghana Cape Coast, Ghana	2016–present
Vice President Forensic Science Society of Ghana, Accra, Ghana	2016–present
Erasmus Mundus Masters Scholarship University of Lincoln (UK), University of Cordoba (Spain) & Egas Moniz CRL (Portugal), Education Audiovisual and Culture Executive Agency, Brussels, Belgium	2013
Erasmus Mundus Students & Alumni Association (EMA) PRnet, Brussels, Belgium	2013–present

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-Caballeros (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>