

ABRAHAM GIHAWI



ACADEMIA

- 2022
|
2023
- **Senior Research Associate in Bioinformatics**
Pan-Prostate Cancer Group Bioinformatician 📍 UEA
- 2021
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2022
- **Senior Bioinformatics Officer**
Unravelling links between bacteria and aggressive prostate cancer 📍 UEA
- 2021
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2017
- **PhD Computational Biology**
Searching for Pathogens in Cancer Sequence Data 📍 UEA
- 2017
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2015
- **MSc, Cancer Therapeutics - Distinction - 80%**
Project: PHLDA1 in FGFR Inhibitor Resistant Cancer 📍 QMUL
- 2014
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2011
- **BSc (hons) Biomedical Science - 69%**
Project: A Portable Test for Bacteria & Urobilinogen in Urine 📍 Lincoln



EXPERIENCE

- 2017
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2015
- **Medical Laboratory Assistant**
Royal Sussex County Hospital 📍 Brighton
 - Processed and analysed clinical samples in adherence with trial protocols
- 2015
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2014
- **Health Advisor NHS 111**
Care UK 📍 Dorking
 - Triage patients and provided healthcare advice via telephone
- 2014
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2013
- **NHS Experience Placements**
Princess Diana & Scunthorpe General 📍 Grimsby & Scunthorpe
 - Departments including: Radiology, Nuclear Medicine, Cardiology, Pathology (Biochemistry, Haematology, Transfusion, Andrology, Virology)



KEY PUBLICATIONS

- 2022
- **🔗 Microbiomes of Urine and the Prostate Are Linked to Human Prostate Cancer Risk Groups**
European Urology Oncology 📍 DOI: [10.1016/j.euo.2022.03.006](https://doi.org/10.1016/j.euo.2022.03.006)
Rachel Hurst, Emma Meader, Abraham Gihawi Ghanasyam Rallapalli... Colin Cooper.
- 2019
- **🔗 SEPATH: benchmarking the search for pathogens in human tissue whole genome sequence data leads to template pipelines**
Genome Biology 📍 DOI: [10.1186/s13059-019-1819-8](https://doi.org/10.1186/s13059-019-1819-8)
Abraham Gihawi, Ghanasyam Rallapalli, Rachel Hurst... Daniel S. Brewer



OTHER

Successful Grants:

- “Unravelling how bacterial infection drives the development of aggressive prostate cancer” - Co-Applicant, Prostate Cancer UK, £77,925
- “The Role of Bacterial Infection in the development of Human Prostate Cancer” - Co-Applicant, Bob Champion Cancer Trust, £87,634

Peer Review: Genome Biology (BMC), Genomics (Elsevier), Bioinformatics Advances (Oxford University Press)

CONTACT

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🆔 [ORCID](#)
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🔍 [Google Scholar](#)

SKILLS

Programming: R, Python, Unix

Computational Pipelines
Microbial Bioinformatics
High Performance Computing
Dimensionality Reduction
Translational Cancer Research

CONFERENCES

Posters:

[Genomics England 2022](#)
[EACR Bioinformatics in Cancer, 2021](#)
[NCRN Symposium, 2020 🏆](#)
[Genomics England, 2019](#)
[EMBL Heidelberg, 2018](#)

Talks:

[NCRN \(2021\)](#)
[UEA PGR Conference \(2018\)](#)

REFERENCES

[Prof. Daniel Brewer D.Brewer@uea.ac.uk](#)
[Prof. Colin Cooper Colin.Cooper@uea.ac.uk](#)

Code:
github.com/Agihawi/Gihawi_CV
Last updated: 2022-04-22