**Curriculum Vitae**

Family name, First name: **Brewer, Daniel**

ORCID: **0000-0003-4753-9794**

URL for web site: **http://www.uea.ac.uk/medicine/people/profile/d-brewer**

* **EDUCATION**

2018 Postgraduate Certificate in Higher Education Practice

2006 PhD in Computational Biology

 ICH & CoMPLEX, University College London, UK

 Supervisors: Prof. J. Stark, Dr. M. Hubank and Prof. R. Callard

2002 MRes in Biological Complexity. (Distinction)

 CoMPLEX, University College London, UK

2000 MSci (First Class Honours)

 Department of Physics, Imperial College London, UK

* **CURRENT POSITION(S)**

2016 – Senior Lecturer in Translational Cancer Bioinformatics

 Norwich Medical School, University of East Anglia, UK

 Source of funding for this post: University of East Anglia

2013 – Visiting worker

 Vertebrates & Health group, Earlham Institute, UK

2013 – Visiting worker

 Oncogenetics Team, Institute of Cancer Research, UK

* **PREVIOUS POSITIONS**

2013 – 2016 Senior Bioinformatics Officer

 Norwich Medical School, University of East Anglia, UK

2011 – 2014 Visiting worker

 Cancer genome project, Wellcome Trust Sanger Institute, UK

2008 – 2013 Senior Bioinformatics Officer

 Molecular Carcinogenesis, Institute of Cancer Research, Sutton, UK

2006 – 2008 Bioinformatics Officer

 Molecular Carcinogenesis, Institute of Cancer Research, Sutton, UK

* **CURRENT GRANTS**
* Prostate Cancer UK - Principal Investigator (£77,925; 01/01/2021 18 months)
* Big C - Co-Investigator (£93,294; 01/04/2020 24 months)
* Prostate Cancer Research Centre - Principal Investigator (£426,281; 01/03/2020 42 months)
* Bob Champion Cancer Trust - Co-Investigator (£80,000; 01/01/2020 24 months)
* Prostate Cancer UK - Co-Investigator (£273,506; 01/10/2019 36 months)
* Cancer Research UK - Principal Investigator (£1.3M; £166k to UEA; 01/08/2019 36 months)
* The Bernice Bibby Trust - Lead bioinformatician (£10,000; 01/01/2019 12 months)
* Wellcome Trust - Collaborator (£99,985; 01/01/2019 24 months)
* Big C - PI and primary supervisor (£80,977; 01/10/2018 36 months)
* Big C - PI and primary supervisor (£70,427; 01/10/2017 36 months)
* **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

2008 – 2015 4 PhD students

Institute of Cancer Research, Sutton, UK

2013 – Current: 5 PhD students (4 as primary supervisor), 2 postdocs

 Completed: 3 PhD students, 1 postdoc

 University of East Anglia, UK

* **TEACHING ACTIVITIES**

2016 – Senior Lecturer – Genetics, Norwich Medical School, University of East Anglia, UK

2018 – Lecturer – MSc Genomic Medicine, Imperial College London, UK

* **INSTITUTIONAL RESPONSIBILITIES**

2020 – FMH Ethics Committee member

2019 – MED Library representative

2016 – Faculty member, University of East Anglia, UK

2015 – Undergraduate Student Advisor, University of East Anglia, UK

2017 – Graduate Student Advisor, University of East Anglia, UK

* **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2015 – Member, European Association of Cancer Research

* **MAJOR COLLABORATIONS**

2011 – CRUK-ICGC Prostate Group

 Role: Chair of the bioinformatics committee and principal investigator

 Topic: Next-generation sequencing applied to prostate cancer samples

Members: Ros Eeles (ICR), Colin Cooper (UEA/ICR), David Wedge (Oxford), Andy Lynch (St. Andrews), Steve Bova (Tampere), Christopher Foster (Liverpool), David Neal (Cambridge), Peter Campbell (Sanger).

2013 – Movember Urine GAP1 Project Role: lead bioinformatician

Topic: Urine biomarker discovery in prostate cancer

Members: Bharati Bapat (Canada), Rob Bristow (Canada), Antoinette Perry (Ireland), Jack Schalken (Netherlands), Ian Mills (Norway), Andreas Doll (Spain), Jeremy Clark (UK), Colin Cooper (UK), Hing Leung (UK), Hardev Pandha (UK), Chris Parker (UK), Hayley Whitaker (UK), Martin Sanda (USA).

2013 – PanCancer Analysis of Whole Genomes collaboration (http://docs.icgc.org/pcawg/)

Role: Member of the Pathogens working group

Topic: Identifying common patterns in more than 2,800 cancer whole genomes from the International Cancer Genome Consortium

Members: The majority of the genomics groups worldwide

2014 – Pan Prostate Cancer Group (<http://panprostate.org/>) Role: Member

Topic: Analysis of next-generation sequencing collected worldwide from prostate cancer samples

Members: CRUK-ICGC Prostate Group, Germany ICGC Prostate Cancer Group - Early Onset, Canadian Prostate Cancer Genome Network, Australian Prostate Cancer Group, TCGA Prostate Cancer Group, French ICGC Prostate Cancer Group, Finnish Prostate Cancer Group, Danish Prostate Cancer Group.