# DONNA MCSHANE
# MBChB MRCP(Paeds)UK MRCPCH

# CURRICULUM VITAE 2020

**PERSONAL**

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| **Date of birth** | 15th March 1968 |
| **Address** | 11-15 Crow Tree Street, Great Gransden, Cambridgeshire SG19 3AZ |
| **Home telephone** | 01767-679942 |
| **Mobile telephone** | 07958-594422 |
| **E-mail address** | donna.mcshane@addenbrookes.nhs.uk |
| **Current post** | Consultant in Respiratory Paediatric Medicine, Addenbrookes NHS Trust |

**PROFESSIONAL**

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| **General Medical Council** | 3275670 | Full registration | July 1992 |
| **Royal College of Paediatrics and Child Health** | | | |
| **Medical and Dental Defence Union of Scotland** | | | |
| **British Medical Association** | | | |
| **British Paediatric Respiratory Society** | | | |
| **British Thoracic Society** | | | |
| **Norfolk, Suffolk & Cambridgeshire CF Network** | | | |

**EDUCATION**

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| **University of Edinburgh Medical School** | MB ChB (1991) |
| **Royal College of Physicians** | MRCP (Paeds) UK March 1996 |
| **CCST (Paediatrics, Paediatric Respiratory Medicine)** | September 2003 |

**EMPLOYMENT**

I was appointed to Addenbrooke's NHS Trust as a Consultant in Paediatric Respiratory and Cystic Fibrosis (CF) Medicine in 2004, having trained in this speciality at the Royal Brompton Hospital, London. Core training in General Paediatrics was completed in the South Thames Deanery.

I am the Clinical Lead for the paediatric respiratory department which provides tertiary respiratory care to the children of the East of England including the management of children with asthma including severe, those requiring long term ventilatory support and those children with chronic suppurative lung disease such as Cystic Fibrosis and Primary Ciliary Dyskinesia.

I am the Clinical lead for the Norfolk, Suffolk & Cambridgeshire Cystic Fibrosis (CF) Paediatric Network. The CF service at Addenbrooke's manages 148 CF children and their families across the region.

I am the Principle Investigator in a number of national CF trials including CF START and TORPEDO, in addition to being the lead investigator in a study looking at the incentivisation of children with CF to undertake their CF physiotherapy using a mobile phone gaming application (Playphysio).

I am a faculty member for the national CF MDT which is a national forum for sharing and answering clinical questions.

## RESEARCH

**National Heart & Lung Institute** **01/09/00 – 31/08/02**
**Department of Gene Therapy**
**Manresa Road, London**

Post: Paediatric Cystic Fibrosis Research Fellow (OOPE)

Supervisors: Prof Jane Davies, Prof. Andrew Bush, Prof. Eric Alton

## PUBLICATIONS

### Peer reviewed

J Calvin, SL Hogg, D McShane, S McAuley, R Iles, R Ross-Russell, F Maclean, M Heeley, A Heeley
**Thirty years of screening for Cystic Fibrosis in East Anglia**
Archives of Disease in Childhood 2012; **97:**1043-1047

Saraswatula A, McShane D, Tideswell D, Burke GA, Williams DM, Nicholson JC, Murray MJ.
**Mediastinal masses masquerading as common respiratory conditions of childhood: a case series.**
European Journal of Paediatrics 2009 Nov;168(11):1395-9. Epub 2009 Feb 11

MJ Murray, JC Nicholson, D McShane
**Unresponsive asthma: don't forget mediastinal masses.**
British Medical Journal 2008; 336: 521-522

K. Jones, R. Iles, D. McShane, J. Watson
**Bone mineral density and serum vitamin D levels in children with cystic fibrosis (CF)**
Journal of Cystic Fibrosis 2008, Volume 7, Issue null, Pages S92-S92

J.C. Davies, M. Davies, D.McShane, S. Smith, A. Jaffe, A. Bush, M. Scallon, J. Pepper, D.M. Geddes, E.W.F.W. Alton
**Potential difference measurements in the lower airway of children with and without cystic fibrosis**
American Journal of Respiratory and Critical Care Medicine 2005 May 1;171(9):1015-9. Epub 2005 Jan 7.

D. McShane, J.C. Davies, A. Bush, D.M. Geddes, E.W.F.W. Alton
**Normal nasal mucociliary clearance CF children: evidence against a CFTR-related defect**
European Respiratory Journal 2004 Jul; 24(1):95-100

G.Davies, D.McShane, J.C.Davies, A. Bush

**Multi- resistant *Pseudomonas aeruginosa* in a paediatric CF centre: natural history & implications for segregation**

Pediatric Pulmonology 2003 Apr; 35(4): 253-6

D.McShane, J.C.Davies, M.G.Davies, A.Bush, D.M.Geddes, E.W.F.W. Alton

**pH is normal in the upper and lower airways of CF patients**

European Respiratory Journal 2003 Jan; 21(1): 37-42

D.McShane, A.G.Nicholson, P.Goldstraw, G.Laddas, W.D.Travis, R.Ramanan, I.B.Balfour-Lynn, M. Rosenthal, A. Bush

**Inflammatory endobronchial polyps in childhood: clinical spectrum and possible link with mechanical ventilation**

Pediatric Pulmonology 2002 Jul; 34 (1): 79 – 84

**Scientific abstracts**

Laura Lowndes, Colin Hamilton, Donna McShane

**A pilot study investigating the PlayPhysio device and associated app**

European Respiratory Journal 2020 56: 1275;

Sophie Kelly, Theo Polychronakis, Louise Selby, Vinod Thoppil, Catriona Middleton, Jenny Lee, Donna McShane

**Analysis of Vitamin K Supplementation During the First Five Years of life in Paediatric Cystic Fibrosis Patients managed at Addenbrooke's Hospital, Cambridge**

Abstract, ECFS Conference Belgrade 2018

Selby L, Rootsey T, Williams R, McShane D

**Longitudinal Associations between FEV1 and HbA1c in a UK Cohort of Young People with Cystic Fibrosis**

Thorax 2014;69: Suppl 2 A161.

Selby L, Rootsey T, Williams R, McShane D

**Prevalence of undiagnosed pre-diabetes and diabetes in a UK cohort of young people with Cystic Fibrosis.**

Journal of Cystic Fibrosis 2014; 13: S97.

D.McShane, J.C.Davies, T. Wodehouse, A.Bush, D.M.Geddes, E.W. Alton

**Nasal mucociliary clearance is normal in CF children: evidence against a primary CFTR- related mechanism in the upper airway**

16th North American CF Conference,

British Thoracic Society Winter Meeting, 4/12/02 – 6/12/02

D.McShane, J.C.Davies, M.G.Davies, A.Bush, D.M.Geddes, E.W. Alton

**pH is normal in the upper and lower airways of CF patients**

15th North American CF Conference, 25/10/01 – 28/10/01

British Thoracic Society Winter Meeting, 5/12/01 – 7/12/01

D.McShane, A.G.Nicholson, P.Goldstraw, G.Laddas, W.D.Travis, R.Ramanan, I.Balfour-Lynn, M. Rosenthal, A. Bush

**Airway polyps in childhood: clinical spectrum and possible link with mechanical ventilation**

World Congress on Lung Health and 10th ERS Annual Congress, 30/08/00 – 03/09/00

**Invited papers**

R Abusarma, D McShane

**Is deafness mutation screening required in cystic fibrosis?**

Paediatric Respiratory Reviews 2016 20S: 24-26

J.C. Davies, D. McShane

**Cystic fibrosis: an update of underlying aetiology and novel therapeutic approaches**

Royal Society of Medicine 2001; 14 (3): 53 –57