

The ROYAL MARSDEN
NHS Foundation Trust

Clinical academic career

Helen McNair DCR(T), PhD

Lead research radiographer at Royal Marsden NHS Foundation Trust

NIHR/HEE Senior Clinical Lecturer

Reader at Institute of Cancer Research



In partnership with
ICR The Institute of
Cancer Research

FUNDED BY
NIHR National Institute
for Health Research

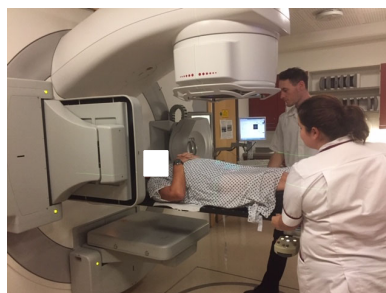
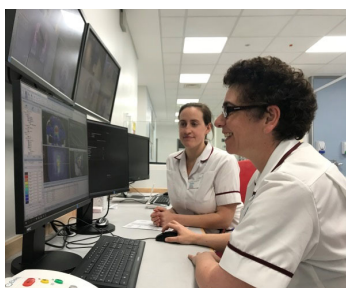
NIHR Biomedical Research Centre at
The Royal Marsden and the ICR

1

The Royal Marsden

Therapeutic Radiographer Research

Translational Radiotherapy: Technology and Care.



2

The Royal Marsden

Clinical

1983-86: Student radiographer
Belvoir Park Hosp, Belfast

1987: Prince of wales Hospital
Sydney, Australia

1990-1992: Westminster Hospital
London

1992-1994- Royal Marsden (RMH)
Treatment radiographer,

1994-2000 RMH
Simulator (pre treatment)

2000-2019 RMH
Research Radiographer

2019: RMH
HEE/NIHR Senior clinical lecturer

Academic

1986: Diploma of College of Radiographers,
Northern Ireland School
of Therapeutic Radiography, Belfast

1991: BSc Hons , Applied Radiography, South Bank
London.



2001: MSc, Health Sciences, St George's Hospital,
University of London

2005-2011: PhD, Institute of Cancer Research (ICR),
University of London

2017: Associate Honorary Faculty,
Division of Radiotherapy and Imaging, ICR

2019: HEE/NIHR Senior clinical lecturer

2020: Reader
Translational Therapeutic Radiography, ICR

3

The Royal Marsden

Academic

Begin at any stage in career

1990-1992: Westminster Hospital
London

1992-1994- Royal Marsden (RMH)
Treatment radiographer,

1994-2000 RMH
Simulator (pre treatment)

2000-2019 RMH
Research Radiographer

2019: RMH
HEE/NIHR Senior clinical lecturer

London.



2001: MSc, Health Sciences, St George's Hospital,
University of London

2005-2011: PhD, Institute of Cancer Research (ICR),
University of London

2017: Associate Honorary Faculty,
Division of Radiotherapy and Imaging, ICR

2019: HEE/NIHR Senior clinical lecturer

2020: Reader
Translational Therapeutic Radiography, ICR


4

The Royal Marsden

CRUK

Funding is key

CRUK
The Research Campaign
the Imperial Cancer Research Fund



Implementing Intensity Modulated radiotherapy Radiographer training
Patient reproducibility

Funding
Grant holder
Type of Work
Length of time

5

The Royal Marsden

Lead

Int. J. Radiation Oncology Biol. Phys., Vol. 57, No. 4, pp. 1122-1130, 2003
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1160338-see front matter

Start small

ANDREW NORMAN, PH.D.,
RAHUL MUKHERJEE, F.R.C.R.,
... HUBBARD, F.R.C.R.*

Journal of Radiotherapy in Practice
Journal of Radiotherapy in Practice 2003
5, 1-6
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Original Article
Clinical implementation of intensity modulated experiences
H. A. McNair^{a,*}, Selous-Hodges^a, D. Convery^a, V. Cosgrove^a, J. Balyel^a
^aJoint Department of Physics and ^{*}Department of Radiotherapy; ^{**}Academy of Royal Marsden NHS Trust, Sutton, Surrey, UK

ELSEVIER

RADIO THERAPY & ONCOLOGY
Official Journal of the International Association of Radiotherapy and Oncology
www.elsevier.com/locate/radonline


Radiotherapy and Oncology 70 (2004) 1-10

Clinical implementation of dynamic and step-and-shoot IMRT to treat prostate cancer with high risk of pelvic lymph node involvement
Elizabeth J. Adams^{a,*}, David J. Convery^a, Vivian P. Cosgrove^a, Helen A. McNair^a, John N. Staffurth^a, Jaap Vaarkamp^{b,2}, Christopher M. Nutting^b, Alan P. Warrington^b, Steve Webb^b, Jan Balycky^b, David P. Dearnaley^b
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Received 11 March 2003; received in revised form 12 August 2003; accepted 3 September 2003

6

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Find your allies


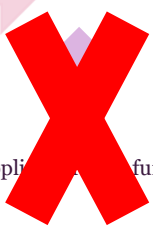


Full time research post

2000

2005


Apply for funding




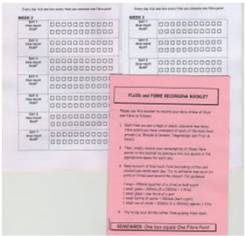
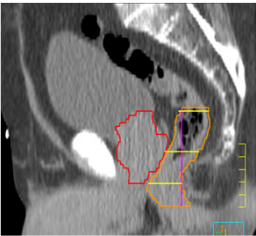
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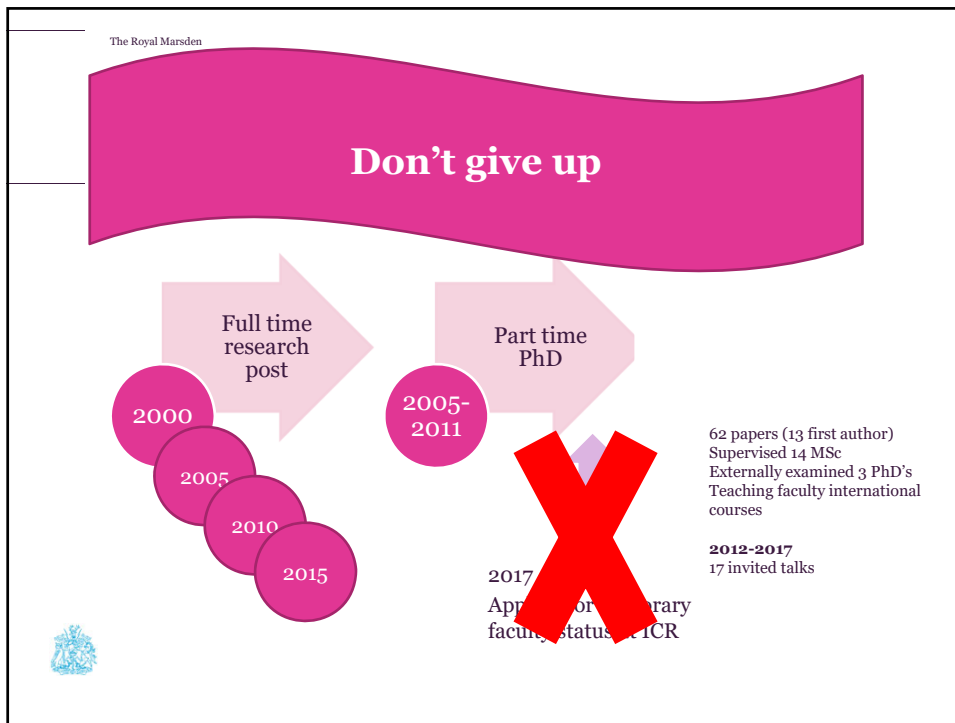
Collaborate



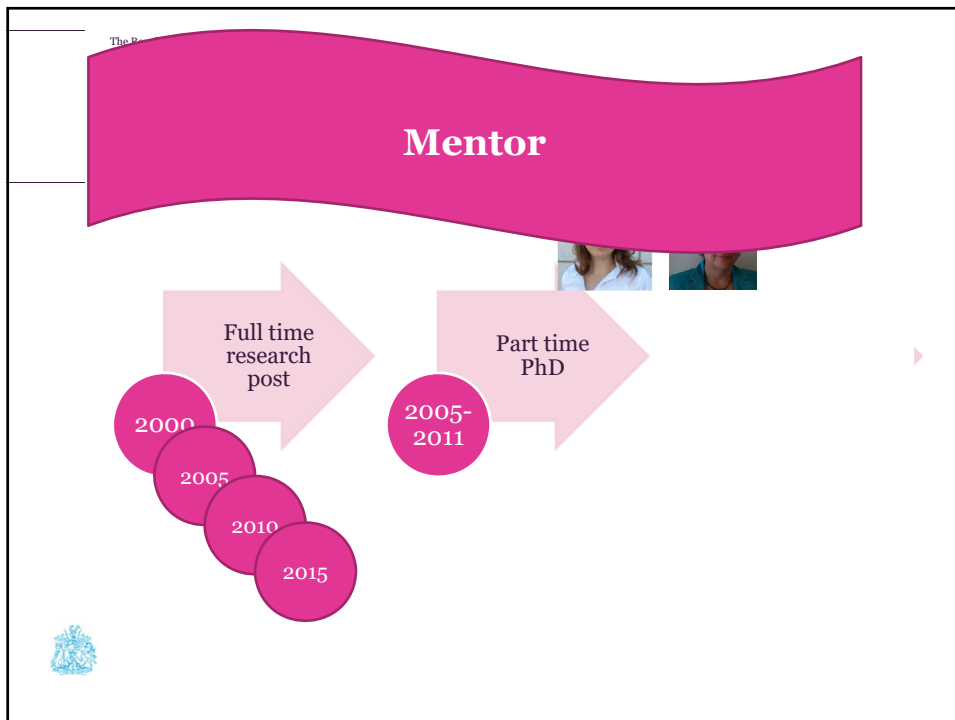
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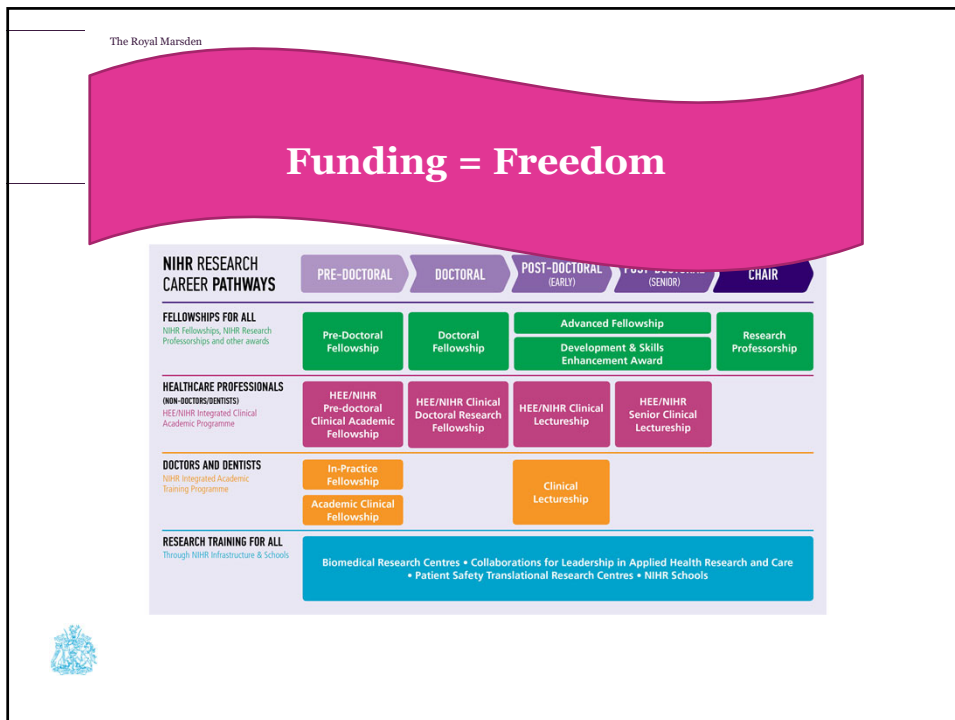
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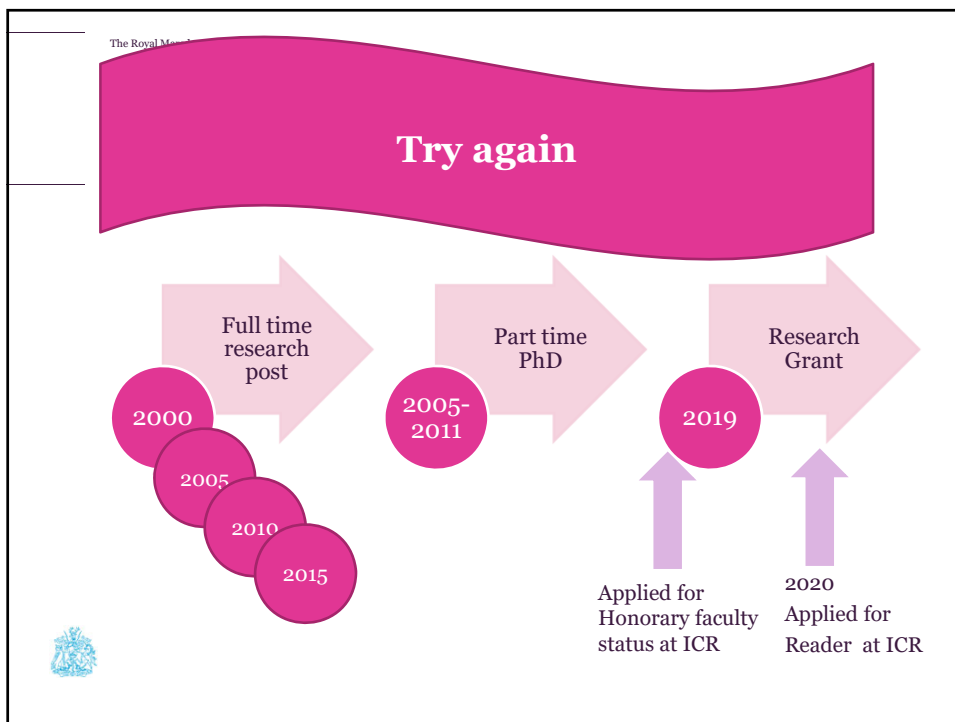
9



10



11



12

The Royal Marsden

Support

help

PhD supervision

NIHR applications


Pre doctoral awards

MSc

Audit/Service Evaluations

Grant progress/big decisions
Every 2 months

Immediate goals/next steps
Every 3-4 weeks



13

The Royal Marsden

Share knowledge

On target: ensuring geometric accuracy in radiotherapy

National Cancer Action Team
Part of the National Cancer Programme

On target 2: updated guidance for image-guided radiotherapy
Radiotherapy Board

National Radiotherapy Implementation Group Report

Image Guided Radiotherapy (IGRT)

Guidance for implementation and use.

ESTRO 100 YEARS THE SOCIETY OF RADIOGRAPHERS

BAMRR

April 2012

EFRS EUROPEAN FEDERATION OF RADIOGRAPHER SOCIETIES



14

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Acknowledgements

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