

Mark Chiew

Wellcome Centre for Integrative Neuroimaging
University of Oxford
mark.chiew@ndcn.ox.ac.uk
<http://users.fmrib.ox.ac.uk/~mchiew>

FMRI Centre, John Radcliffe Hospital
Oxford, UK - OX3 9DU
Telephone: +44 (0) 1865 610476

Academic Positions

- 2018 – **University Research Lecturer**
Nuffield Department of Clinical Neurosciences, University of Oxford
- 2017 – 2022 **Royal Academy of Engineering Research Fellow**
FMRI Centre, University of Oxford
- 2012 – 2017 **Post-Doctoral Researcher**
FMRI Centre, University of Oxford

Education

- 2007 – 2012 **Ph.D.**, Medical Biophysics, University of Toronto
Thesis: Development and Application of Methods for Real-Time fMRI Neurofeedback
Supervisor: Prof. Simon J. Graham
- 2002 – 2007 **B.ASc**, Engineering Physics, University of British Columbia
Math Honours, Electrical Engineering Option

Grants & Awards

Total Awarded To Date: £615,300 (equivalent)

Grants & Funding

- 2017 – 2022 **Royal Academy of Engineering Research Fellowship (RF201617\16\23)** £499,715
Characterising the Brain's Spatio-Temporal Dynamics by Integrating EEG and FMRI
Principal Investigator
- 2017 – 2019 **John Fell Oxford University Press Research Fund** £57,800
A Novel Approach to EEG and FMRI
Principal Investigator
- 2019 – 2020 **WIN Seed Grant** £9,000
Advanced Brain Blood Flow Measurements with 7T MRI
Co-Principal Investigator

Awards & Scholarships

Total: £48,500 (equivalent)

- 2015 **ISMRM I.I. Rabi Young Investigator Award Finalist**
- 2015, 2014 **University of Oxford Award for Excellence**
- 2015 – 2017 Magnetic Resonance in Medicine Distinguished Reviewer
- 2015 Guarantors of Brain Travel Grant
- 2014, 2013 University of Oxford Lockey Bequest Grant
- 2014 OHBM Trainee Abstract Award
- 2014, 2013, 2011 ISMRM Trainee Stipend Award
- 2011 Ontario Graduate Scholarship
- 2010 University of Toronto Medical Biophysics Excellence Award
- 2010, 2009 Jack and Rita Catherall Fund Travel Award

2009 – 2010	Ydessa Hendeles Graduate Scholarship
2008 – 2010	Ontario Graduate Scholarship in Science and Technology
2006	John Collison Memorial Scholarship in Mathematics
2005, 2004	UBC Undergraduate Scholars Program Award
2002	British Columbia Provincial Scholarship

Publications & Presentations

Journal Articles

Citations: 254 h-index: 8

- Steel A., **Chiew M.**, Jezzard P., Voets N., Plaha P., Thomas M.A., Stagg C., Emir U.E. “Metabolite-cycled density-weighted concentric rings k-space trajectory (DW-CRT) enables 1H magnetic resonance spectroscopic imaging at 3-Tesla”, *Scientific Reports*, 2018; 8:7792
- Chiew M.**, Graedel N.N., Miller K.L. “Recovering task fMRI signals from highly under-sampled data with low-rank and temporal subspace constraints”, *NeuroImage*, 2018; 174:97-110
- Chiew M.**, Wenwen J., Burns B., Larson P., Steel A., Jezzard P., M.A., Emir U.E. “Density-Weighted Concentric Rings k-Space Trajectory for 1H Magnetic Resonance Spectroscopic Imaging at 7 Tesla”, *NMR in Biomedicine*, 2018; 31(1):e3838
- Weizman L., Miller K.L., Eldar Y.C., **Chiew M.** “PEAR: Periodic and Fixed Rank Separation for Fast FMRI”, *Medical Physics*, 2017; 44(12):6166-6182
- Emir U.E., Burns B., **Chiew M.**, Jezzard P., Thomas M.A. “Non-Water-Suppressed Short-Echo-Time Magnetic Resonance Spectroscopic Imaging using a Concentric Ring k-space Trajectory”, *NMR in Biomedicine* 2017; 30(7):e3714
- Graedel N.N., McNab J.A., **Chiew M.**[†], Miller K.L.[†] “Motion correction for functional MRI with three-dimensional hybrid radial-Cartesian EPI”, *Magnetic Resonance in Medicine* 2017; 78(2):527-540 [[†]joint senior authorship]
- Chiew M.**, Graedel N.N., McNab J.A., Smith S.M., Miller K.L. “Accelerating fMRI using Fixed-Rank Approximations and Radial-Cartesian Sampling”, *Magnetic Resonance in Medicine* 2016; 76(6):1825-1836
- Chiew M.**, Smith S.M., Koopmans P.J., Graedel N.N., Blumensath T., Miller K.L. “k-t FASTER: Acceleration of Functional MRI Data Acquisition using Low Rank Constraints”, *Magnetic Resonance in Medicine* 2015; 74(2):353-364
- Olsen R.K., **Chiew M.**, Buchsbaum B.R., Ryan J.D. “The relationship between delay period eye movements and visuospatial memory”, *Journal of Vision* 2014; 14(1):1-11
- Chiew M.**, Graham S.J. “Constrained Source Space Imaging: Application to fast, region-based functional MRI”, *Magnetic Resonance in Medicine* 2013; 70(4):1058-1069
- Rotenberg D.J., **Chiew M.**, Ranieri S., Tam F., Chopra R., Graham S.J. “Real-Time Correction By Optical Tracking with Integrated Geometric Distortion Correction for Reducing Motion Artifacts in fMRI”, *Magnetic Resonance in Medicine* 2013; 69(3):734-748
- Chiew M.**, LaConte S.M., Graham S.J. “Investigation of fMRI Neurofeedback of Differential Primary Motor Cortex Activity using Kinesthetic Motor Imagery”, *NeuroImage* 2012; 61(1):21-31
- Chiew M.**, Graham S.J. “BOLD contrast and noise characteristics of densely sampled multi-echo fMRI data”, *IEEE Transactions on Medical Imaging* 2011; 30(9):1691-1703
- Yancey S.E., Rotenberg D.J., Tam F., **Chiew M.**, Ranieri S., Biswas L., Anderson K.J., Baker S.N., Wright G.A., Graham S.J. “Spin-history Artifact during Functional MRI: Potential for Adaptive Correction”, *Medical Physics* 2011; 38(8):4634-4646
- Kuo A.Y.C., **Chiew M.**, Tam F., Cunningham C.H., Graham S.J. “An Alternative Pulse Sequence for Real-time fMRI Applications Involving Neurofeedback”, *Magnetic Resonance in Medicine* 2011; 65(3):715-724

Invited Talks

- “Getting more out of fMRI data using constrained reconstructions and simultaneous EEG”, Center for Functional MRI, UC San Diego, USA, Oct 2018
- “Beyond Simultaneous: Integrating EEG Information for Image Reconstruction in FMRI”, UCL Centre for Neuroimaging Techniques Seminar, London, UK, Dec 2017
- “Basics, Benefits, and Breakthroughs for Fast Brain Imaging”, BC Children’s Hospital, Vancouver, Canada, June 2017
- “Accelerating FMRI Data Acquisition using Hybrid Radial-Cartesian Sampling and Low-Rank Constraints”, Centre for the Developing Brain Seminar Series, Kings College London, London, UK, Oct 2016

“Using network models of brain activity to inform highly accelerated fMRI data acquisition”, MR Seminar, Institute of Biomedical Engineering, ETH Zurich, Zurich, Switzerland, Feb 2016

“The Utility of Low-Rank Models for Acquisition & Analysis of fMRI Data”, Neuroimaging Seminar Series, Institute of Psychiatry, Psychology & Neuroscience, Kings College London, London, UK, Oct 2015

“Accelerating fMRI Data Acquisition using Low-Rank Constraints”, NeuroImaging Interest Group Rounds, Hospital for Sick Children, Toronto, Canada, June 2015

“Accelerating fMRI Data Acquisition using Rank Constraints”, Max Planck Institute for Biological Cybernetics, Tübingen, Germany, February 2014

“Estimation of Resting State Networks from Undersampled k-t fMRI Data using Matrix Completion”, SMIAL Seminar Series, Sunnybrook Research Institute, Toronto, Canada, June 2013

Oral Conference & Workshop Presentations

Graedel N.N., Miller K.L., **Chiew M.** “Ultra-high spatial resolution TURBINE fMRI at 7T”, 2019 ISMRM Annual Meeting, Montreal, Canada

Mason H.T., Miller K.L., Graedel N.N., **Chiew M.** “Improving k-t PERRI: a low-rank data-driven fMRI k-t acceleration method”, 2019 ISMRM Annual Meeting, Montreal, Canada

Okell T.W., **Chiew M.** “High Resolution Perfusion Imaging using Golden Angle Radial Arterial Spin Labelling”, 2019 ISMRM Annual Meeting, Montreal, Canada

Chiew M., Holmgren J., Fido D., Warnaby C.E., Vannesjo S.J. “Measuring MRI Gradient Trajectory Dynamics using Simultaneous EEG-fMRI”, 2018 ISMRM Annual Meeting, Paris, France

Chiew M., Graedel N.N., Holmgren J., Fido D., Warnaby C.E., Miller K.L. “Accelerated rank-constrained fMRI data reconstruction informed by external temporal measures”, 2017 ISMRM Annual Meeting, Honolulu, USA

Weizman L., Miller K.L., Eldar Y.C., **Chiew M.** “Acceleration of functional MRI data acquisition by separation of background and dynamic components”, 2016 ESMRMB Annual Meeting, Vienna, Austria

Chiew M., Smith S.M., Koopmans P.J., Graedel N.N., Blumensath T., Miller K.L. “k-t FASTER: Acceleration of fMRI Data Acquisition using Low Rank Constraints”, Young Investigator Award Presentation, 2015 International Society for Magnetic Resonance in Medicine, Toronto, Ontario, Canada

Chiew M., Smith S.M., Koopmans P.J., Graedel N.N., Blumensath T., Miller K.L. “Low-Rank Acceleration of Resting fMRI Data Acquisition using k-t FASTER”, 2014 2nd Whistler Scientific Workshop on Brain Functional Organization, Connectivity and Behaviour, Whistler, Canada

Chiew M., Smith S.M., Graedel N.N., Blumensath T., Miller K.L. “Accelerating Resting State fMRI Acquisition using k-t FASTER: In Vivo Validation”, 2014 OHBM Annual Meeting, Hamburg, Germany

Conference Abstracts

Woods J.G., Schauman S.S., **Chiew M.**, Chappell M.A., Okell T.W. “Optimization of time-encoded pseudo-continuous ASL angiography with a variable flip-angle scheme” (**oral**), 2019 ISMRM Annual Meeting, Montreal, Canada

Schauman S.S., **Chiew M.**, Okell T.W. “Highly Accelerated Dynamic 2D and 3D Vessel-Encoded Arterial Spin Labelling Angiography” (**oral**), 2019 ISMRM Annual Meeting, Montreal, Canada

Emir U.E., Xia P., Dydak U., Zhou X., Thomas M.A., **Chiew M.**, Guo R., Li Y., Zhao Y., Liang Z.P. “Non-Water suppressed High-Resolution 1H-MRSI of the Brain Using Short-TE SPICE with semi-LASER Concentric Ring Trajectory Acquisition”, 2019 ISMRM Annual Meeting, Montreal, Canada

Shen X., Xia P., Dehghani M., Near J., Zhou X., **Chiew M.**, Dydak U., Emir U.E. “Simultaneous Measurement of functional MRI and MRS by Fast Non-water Suppressed MR Spectroscopy Imaging” (**oral**), 2019 ISMRM Annual Meeting, Montreal, Canada

Xia P., Shen X., Zhou X., **Chiew M.**, Thomas M.A., Dydak U., Emir U.E. “Density-Weighted Concentric Ring Trajectory using simultaneous multi-slice (SMS) acceleration: 3D Metabolite-cycled Magnetic Resonance Spectroscopy Imaging at 3 T” (**oral**), 2019 ISMRM Annual Meeting, Montreal, Canada

Emir U.E., Xia P., Zhou X., **Chiew M.**, Thomas M.A., Dydak U. “Density-weighted concentric ring trajectory using simultaneous multi-slice (SMS) acceleration: 3D metabolite-cycled magnetic resonance spectroscopic imaging at 3 T” (**oral**), MRS Workshop 2018, Utrecht, Netherlands

Wiltshire C., Chesters J., **Chiew M.**, Watkins K.E. “Assessing speech movements in people who stutter using real-time MRI of the vocal tract”, 2018 SNL Annual Meeting, Quebec City, Canada

- Mason H., Miller K.L., **Chiew M.** “Acceleration of Golden Angle-Sampled FMRI Data with Data-Driven Priors and Low-Rank Constraints” (**oral**), 2018 OHBM Annual Meeting, Singapore
- Steel A., James G., **Chiew M.**, Thomas M.A., Emir U.E., Stagg C.J. “Regional GABA Concentrations Assessed by Magnetic Resonance Spectroscopic Imaging Predict Different Aspects of Motor Performance”, 2018 OHBM Annual Meeting, Singapore
- Schauman S.S., **Chiew M.**, Okel T.W. “Accelerated Acquisition of Vessel-Encoded Arterial Spin Labelling Angiograms with Compressed Sensing”, 2018 ISMRM Annual Meeting, Paris, France
- Chiew M.**, Okell T.W. “Improved Golden Ratio Radial Arterial Spin Labelling Angiography Reconstruction using k-t Sparsity Constraints”, 2018 ISMRM Annual Meeting, Paris, France
- Emir U.E., Xia P., Zhou X., **Chiew M.**, Steel A., Thomas M.A., Dydak U. “Non-Water Suppressed GABA Editing Magnetic Resonance Spectroscopic Imaging using Density Weighted Concentric Rings Trajectory”, 2018 ISMRM Annual Meeting, Paris, France
- Steel A., **Chiew M.**, Jezzard P., Voets N., Plaha P. Thomas M.A., Stagg C.J., Emir U.E. “Metabolite cycled density-weighted concentric rings k-space trajectory (DW-CRT) enables 1H magnetic resonance spectroscopic imaging at 3 Tesla in a clinically feasible timeframe”, 2018 ISMRM Annual Meeting, Paris, France
- Weizman L., Miller K.L., Eldar Y.C., **Chiew M.** “PEAR: Periodic and Aperiodic Signal Separation for Fast FMRI”, 2017 IEEE-EMBC Annual International Conference, Jeju, Korea
- Mason H., Miller K.L., **Chiew M.** “Acceleration of FMRI data with priors and low-rank constraints”, 2017 OHBM Annual Meeting, Vancouver, Canada
- Graedel N.N., **Chiew M.**, Miller K.L. “Exploring motion navigator choices in the TURBINE motion correction scheme for fMRI”, 2017 OHBM Annual Meeting, Vancouver, Canada
- Chiew M.**, Holmgren J., Fido D., Warnaby C.E., Miller K.L. “EEG-Informed Reconstruction of Accelerated FMRI Data Acquisition”, 2017 OHBM Annual Meeting, Vancouver, Canada
- Chiew M.**, Miller K.L. “Improving simultaneous multi-slice and 3D-EPI FMRI using rank-constrained reconstruction”, 2017 OHBM Annual Meeting, Vancouver, Canada
- Chiew M.**, Holmgren J., Graedel N.N., Fido D., Warnaby C.E., Miller K.L. “Correction of Gradient Artefacts in Simultaneous EEG-FMRI from Rotating Gradient Trajectories”, 2017 ISMRM Annual Meeting, Honolulu, USA
- Chiew M.**, Jiang W., Larson P., Burns B., Jezzard P., Thomas M.A., Emir U.E. “Density Weighted Concentric Rings K-Space Trajectory for 1H MRSI with gradient offset independent adiabatic pulses at 7T”, 2017 ISMRM Annual Meeting, Honolulu, USA
- Emir U.E., Burns B., **Chiew M.**, Jezzard P., Thomas M.A. “Metabolite-Cycling Short-Echo Time Magnetic Resonance Spectroscopic Imaging using a Concentric Ring k-space Trajectory”, 2017 ISMRM Annual Meeting, Honolulu, USA
- Chiew M.**, Holmgren J., Fido D., Warnaby C.E., Miller K.L. “Recovering Brain Network Structure from Highly Under-Sampled FMRI using Electrophysiological Constraints”, BASP Frontiers Workshop 2017, Villars-sur-Ollon, Switzerland
- Guan C., **Chiew M.** “Comparison of strict sparsity and low-rank constraints for accelerated FMRI data reconstruction”, 2016 ISMRM Annual Meeting, Singapore, Singapore
- Graedel N.N., **Chiew M.**, Miller K.L. “Motion correction for functional MRI with hybrid radial-Cartesian 3D EPI” (**oral**), 2016 ISMRM Annual Meeting, Singapore, Singapore
- Chiew M.**, Graedel N.N., Miller K.L. “Promoting incoherence of radial x-f point spread functions using randomly perturbed golden angles”, 2016 ISMRM Annual Meeting, Singapore, Singapore
- Chiew M.**, Miller K.L., “Revisiting adaptive regularization for self-calibrated, dynamic parallel imaging reconstruction”, 2016 ISMRM Annual Meeting, Singapore, Singapore
- Guan C., **Chiew M.** “Comparison of strict sparsity and low-rank constraints for accelerated FMRI data reconstruction”, 2016 ISMRM Workshop on Data Sampling & Image Reconstruction, Sedona, Arizona, USA
- Chiew M.**, Graedel N.N., Smith S.M., Miller K.L. “Sub-second Whole Brain FMRI using a Hybrid Radial-Cartesian Acquisition and Low-Rank Reconstruction”, 2015 OHBM Annual Meeting, Honolulu, Hawaii, USA
- Chiew M.**, Graedel N.N., Smith S.M., Miller K.L. “Acceleration of task-based FMRI using k-t FASTER”, 2015 ISMRM Annual Meeting, Toronto, Ontario, Canada
- Chiew M.**, Graedel N.N., McNab J.A., Smith S.M., Miller K.L. “3D Hybrid Radial-Cartesian Sampling for Improved Resting State FMRI using k-t FASTER”, 2015 ISMRM Annual Meeting, Toronto, Ontario, Canada
- Graedel N.N., **Chiew M.**, McNab J.A., Miller K.L. “FMRI using a 3D radial-Cartesian trajectory: spatio-temporal tunability and artefact correction” (**oral**), 2015 ISMRM Annual Meeting, Toronto, Ontario, Canada
- Graedel N.N., **Chiew M.**, Clare S., Miller K.L. “Complex interactions of physiological noise and acceleration on tSNR in 3D EPI”, 2014 ISMRM Annual Meeting, Milan, Italy

- Chiew M.**, Smith S.M., Blumensath T., Miller K.L. “Joint multi-coil and low-rank constraints for accelerating FMRI data acquisition using k-t FASTER”, 2014 ISMRM Annual Meeting, Milan, Italy
- Chiew M.**, Smith S.M., Graedel N.N., Blumensath T., Miller K.L. “Application of k-t FASTER for rank-constrained acceleration of in vivo FMRI data”, 2014 ISMRM Annual Meeting, Milan, Italy
- Mansur A., **Chiew M.**, Tam F., Schweizer T.A, Graham S.J. “Analysis of Fmri Neurofeedback of the Primary Motor Cortex as a Function of Time During Kinesthetic Motor Imagery”, 2013 Canadian Stroke Congress, Montreal, Canada
- Chiew M.**, Smith S.M., Koopmans P.J., Blumensath T., Miller K.L. “Acceleration of Resting State FMRI Data Acquisition using Matrix Completion”, 2013 OHBM Annual Meeting, Seattle, Washington, USA
- Mansur A., **Chiew M.**, Tam F., Schweizer T.A., Graham S.J. “General linear model regression analysis of fMRI neurofeedback of the primary motor cortex using kinesthetic motor imagery”, 2013 OHBM Annual Meeting, Seattle, Washington, USA
- Chiew M.**, Smith S.M., Koopmans P.J., Blumensath T., Miller K.L. “k-t FASTER: A New Method for the Acceleration of Resting State FMRI Data Acquisition”, 2013 ISMRM Annual Meeting, Salt Lake City, USA
- Chiew M.**, Miller K.L., Koopmans P.J., Tunncliffe E.M., Smith S.M., Blumensath T. “Iterative Hard Thresholding and Matrix Shrinkage (IHT+MS) for Low-Rank Recovery of k-t Undersampled MRI Data”, 2013 ISMRM Annual Meeting, Salt Lake City, USA
- Chiew M.**, Graham S.J. “Direct SENSE imaging for fast, multi-echo fMRI over a restricted field of view”, 2012 ISMRM Annual Meeting, Melbourne, Australia
- Chiew M.**, LaConte S.M., Graham S.J. “fMRI Neurofeedback of Kinesthetic Motor Imagery”, 2012 ISMRM Annual Meeting, Melbourne, Australia
- Chiew M.**, Graham S.J. “Physiological noise correlations in multi-echo fMRI data”, 2011 James Lepock Memorial Student Symposium, University of Toronto, Toronto, Canada
- Rotenberg D., **Chiew M.**, Ranieri S., Tam F., Graham S.J. “Real-time Motion Correction by Optical Tracking for Reducing Spin-History Artifacts in fMRI”, 2011 OHBM Annual Meeting, Quebec City, Canada
- Chiew M.**, LaConte S.M., Graham S.J. “Performance related brain differences in real-time fMRI neurofeedback of imagined hand motor activity”, 2011 ISMRM Annual Meeting, Montreal, Canada
- Chiew M.**, Graham S.J. “Effect of physiological noise on densely sampled multi-echo fMRI data”, 2011 ISMRM Annual Meeting, Montreal, Canada
- Chiew M.**, LaConte S.M., Graham S.J. “Self-Regulation of Imagined Hand Motor Activity using Real-Time fMRI Neurofeedback”, 2010 OHBM Annual Meeting, Barcelona, Spain
- Chiew M.**, Graham S.J. “A novel multi-echo fMRI weighting strategy using principal component analysis for BOLD contrast sensitivity enhancement”, 2010 ISMRM Annual Meeting, Stockholm, Sweden
- Chiew M.**, Kuo A.Y., Graham S.J. “Modulating Brain Activity via Multi-Echo fMRI Neurofeedback”, 2009 ISMRM Annual Meeting, Honolulu, USA
- Chiew M.**, Kuo A.Y., Graham S.J. “Modulating Brain Activity via Multi-Echo fMRI Neurofeedback”, 2008 Imaging Network Ontario Symposium, Toronto, Canada

Non Peer-Reviewed Publications

- Chiew M.**, “Q&A with Lia Hocke, Yunjie Tong, and Blaise Frederick”, Magnetic Resonance in Medicine Highlights (2016 December 16), <http://www.ismrm.org/qa-with-lia-hocke-yunjie-tong-and-blaise-de-frederick/>
- Chiew M.**, “Q&A with Klaus Scheffler and Philipp Ehses”, Magnetic Resonance in Medicine Highlights (2016 July 21), <http://www.ismrm.org/qa-with-klaus-scheffler-and-philipp-ehses>

Patents & Intellectual Property

- Chiew M.**, Miller K.L., Smith S.M., Blumensath T. “Acceleration of Low-Rank MRI Data Acquisition”, US Patent (Application 61/808696, lapsed)

Teaching and Supervision

Teaching & Invited Lectures

2014 – 2018	Lecturer, EPSRC-MRC Centre for Doctoral Training in Biomedical Imaging University of Oxford
2013 – 2018	Co-organiser, Head Tutor and Lecturer, FMRIB Graduate Program Nuffield Department of Clinical Neurosciences, University of Oxford
2014 – 2018	Faculty Lecturer, Evening Physics Lectures FSL Course
2017	Teaching Lecture, “Measuring Connectivity with RSfMRI”, Connectivity: Structure & Function Weekend Educational Course, ISMRM 2017, Honolulu, Hawaii
2013	Teaching Lecture, “MRI Basics and Diffusion Imaging” Hospital for Sick Children, University of Toronto
2013	Teaching Lecture, “Compressed Sensing”, Teaching Session on Highly Accelerated FMRI ESMRMB 2013 Congress, Toulouse, France
2012 – 2013	Tutor and Lecturer, FMRIB Graduate Program Department of Clinical Neurosciences, University of Oxford
2011	Teaching Lecture, “Fast Functional MRI”, Annual MRI Retreat Sunnybrook Research Institute, University of Toronto
2010 – 2011	Teaching Assistant, PHY231, Physics for the Life Sciences Department of Physics, University of Toronto
2010	Lab Demonstrator, PHY324 H1S, Practical Physics II Department of Physics, University of Toronto
2010	Invited Lecture, “Conversation with a Scientist”, Summer Research Rounds Rotman Research Institute, University of Toronto

Post-Doctoral Supervision

2015 – 2016	Lior Weizman, Visiting Fellow, Technion - Israel Institute of Technology (co-supervisor)
-------------	--

Student Supervision

2017 – current	S. Sophie Schauman, DPhil Student, University of Oxford (co-supervisor)
2016 – current	Harry Mason, DPhil Student, University of Oxford (co-supervisor)
2013 – 2016	Nadine N. Graedel, DPhil Student, University of Oxford (co-supervisor)
2014 – 2016	Charles Guan, Undergraduate Student, Stanford University (Thesis supervisor)
2015	Zobair Arya, ONBI Summer Project Student, University of Oxford (co-supervisor)
2009	Chetan Choudhari, Undergraduate Summer Student, University of Toronto
2009	Lauren Gordon, Undergraduate Summer Student, University of Toronto

Examinations

December 2018	Sven Jaeschke, University of Oxford, DPhil Confirmation of Status Assessor
November 2017	Jack Allen, University of Oxford, DPhil Confirmation of Status Assessor
November 2017	Joseph Woods, University of Oxford, DPhil Confirmation of Status Assessor
August 2017	Caitlin O’Brien, University of Oxford, DPhil Transfer of Status Assessor
August 2016	Jack Allen, University of Oxford, DPhil Transfer of Status Assessor
January 2015	Wenchuan Wu, University of Oxford, DPhil Transfer of Status Assessor

Professional Activities

Ad Hoc Reviewer

BMC Medical Imaging
Brain and Behavior
Brain Informatics
Frontiers in Neuroscience
Human Brain Mapping
Journal of Cognitive Neuroscience
Journal of Medical Imaging
Magnetic Resonance in Medicine

Medical Image Analysis
Neural Computation
Neurocomputing
NeuroImage
Philosophical Transactions of the Royal Society B
ISMRM Annual Meeting Abstract Reviewer
OHBM Annual Meeting Abstract Reviewer

Service

2017 – 2018	WIN Methods Seminar Co-Organiser
2013 – 2018	MRI Scheduling Co-ordinator, FMRIB Physics Group, University of Oxford
2010 – 2011	Co-coordinator, Rotman Rounds, Rotman Research Institute

Professional Affiliations

International Society for Magnetic Resonance in Medicine, Full Member
Organization for Human Brain Mapping, Past Member
European Society for Magnetic Resonance in Medicine and Biology, Past Member

Last updated: February 19, 2019