

## CONTRIBUTORS

### Nikola Stikov

*Magnetic Resonance in Medicine Deputy Editor for Science Outreach*

Prior to joining the faculty of École Polytechnique (University of Montréal), Nikola completed his post-doctoral training at the Montréal Neurological Institute, and his BS, MS, and PhD degrees at Stanford University. A son of a sports journalist, Nikola has made journalism his hobby by periodically contributing pieces on science and film to newspapers and blogs in his home country, Macedonia. His career and his hobby are finally united in *Magnetic Resonance in Medicine Highlights*.



### Erika Raven

*Magnetic Resonance in Medicine Highlights Editor*

Erika is a post-doc at CUBRIC in Cardiff, Wales, after recently completing her PhD with the Advanced MRI group at NIH. Her research has taken her across the pond in the ongoing search to find the best methods to track adolescent brain development. Erika enjoys scientific outreach through social media, reaching stage 4 sleep, and the Eurovision Song Contest.



### Atef Badji

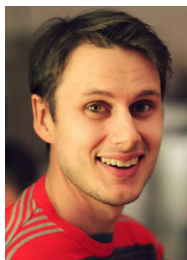
*Magnetic Resonance in Medicine Highlights Editor*

Atef is currently working toward her PhD in Neuroscience at the University of Montréal. Her research focus is on the quantitative evaluation of pathological states of the brain using MRI. Among her specific goals are the understanding of the white matter changes in the elderly, as well as the understanding of the natural course of multiple sclerosis. In her free time, Atef enjoys writing, eating chocolate, and watching Big Bang Theory with her husband.



### Mathieu Boudreau

Mathieu is a research fellow at the Montreal Heart Institute, after having completed his PhD at McGill University. His current research interests are in developing open-source software for quantitative MRI techniques and other related image processing tools. In his free time, Mathieu enjoys cooking, hiking, and making grad students feel anxious about not having a proper backup of their computers.



### Maria Eugenia Caligiuri

Maria Eugenia is a post-doc at the Neuroscience Research Center of Magna Graecia University in Catanzaro, Italy, where she also completed her PhD and part of her post-doc working at the Institute of Molecular Bioimaging and Physiology of the National Research Council. Her work focuses on advanced methods for multimodal MRI fusion and on their application in the field of neurological disorders and healthy brain aging. In her free time, Maria Eugenia enjoys listening to music, binge-watching TV series with her husband, and being a crazy cat lady.



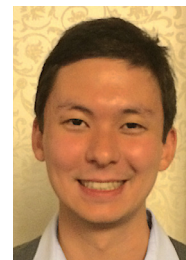
### Akshay Chaudhari

Akshay is a PhD candidate at Stanford University. He is interested in pulse sequence design and image reconstruction for performing quantitative musculoskeletal imaging in patients with osteoarthritis. Akshay is an avid cyclist who enjoys racing bikes as well as playing lots of ultimate frisbee!



### Brian Chung

Brian is a PhD student at UC San Francisco researching Hyperpolarized Carbon-13 metabolic brain imaging. He obtained his MSEE from Stanford and enjoys international travel, card games, and patent law for start-ups.



### Blake Dewey

Blake is a PhD student in Electrical and Computer Engineering at Johns Hopkins University. He works at the F.M. Kirby Center for Functional Brain Imaging, where he works on pulse sequence design and compressed sensing reconstruction. In his free time, Blake enjoys reading and photography.



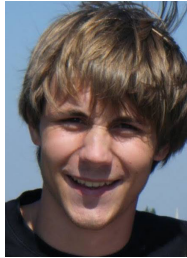
### Thijs Dhollander

Thijs is a post-doc at the Florey Institute of Neuroscience and Mental Health in Melbourne. He obtained his PhD at the University of Leuven in Belgium. He is working on automated data-driven methods to extract and process tissue-specific information from more conventional (clinically feasible) diffusion MR data. Living in Melbourne, he has become a coffee snob and tea addict, and is fascinated by Australian wildlife.



## Tanguy Duval

Tanguy graduated from Centrale Lyon in France in 2013. He received his PhD at Polytechnique Montréal trying to make g-ratio imaging more credible. In his free time, Tanguy likes playing rugby, drinking wine, playing soccer, drinking beer, playing basketball, drinking coffee, reading, and eating frog legs.



## Zahra Hosseini

Zahra Hosseini is a PhD candidate at Robarts Research Institute in London, Canada (the less exciting London). For her PhD studies, she has explored new processing approaches for multi-channel MR image data with a focus on multi-echo GRE phase images. She has immensely enjoyed meeting people in the ISMRM community through the annual meetings and hopes to continue working with the wonderful set of individuals that help communicate the advances in research in this field.



## Agâh Karakuzu

Agah is a PhD student in Biomedical Engineering with NeuroPoly Lab at Polytechnique Montréal. His research is centered on developing a reproducible quantitative MRI platform, with a particular focus on neurocardiology. He is an open science enthusiast and plays an active role as a science communication contributor for several platforms including MR Pulse and OHBM blog. He enjoys graphic design, skiing and exploring specialty coffee.



## Elena Kleban

Elena joined CUBRIC at Cardiff University as a research associate in December 2017 after submitting her PhD thesis to the University of Nottingham. She is looking forward to going deeper into matter, if grey or white, and learning more about the origin of the local complex signal in presence of multiple compartments. Elena is curious about many things, and enjoys problem solving, particularly in bouldering and escape rooms.



## Jiaen Liu

Jiaen is a post-doc at the National Institutes of Health in the U.S. Before that, he obtained his PhD in Biomedical Engineering at the University of Minnesota. He is currently working on motion correction, image reconstruction and sequence design. He likes to run, play basketball and cook (especially grill!) in his spare time.



## Jessica McKay

Jessica is a PhD student in the Biomedical Engineering Department at the University of Minnesota. She works at the Center for Magnetic Resonance Research where she is investigating techniques to correct ghosts and distortion in breast diffusion weighted imaging (DWI) with spin-echo EPI. She also enjoys downhill and water skiing.



## Mark Mikkelsen

Mark is a post-doctoral researcher in the Department of Radiology and Radiological Science at the Johns Hopkins University. He did his PhD in spectral-edited MR spectroscopy methodology at Cardiff University. He is currently working on advancing MRS methods for optimally detecting and quantifying brain metabolites such as GABA in vivo, and additionally researches the neurochemical correlates of tactile dysfunction in various neurodevelopmental disorders. Mark likes to spend his free time doing photography and creative writing and is a diehard metalhead.



## Pinar Özbay

Pinar joined Advanced MRI group at the National Institutes of Health in January 2017, right after obtaining her PhD at ETH Zurich. She has worked on novel contrast mechanisms for brain imaging, particularly quantitative susceptibility mapping for structural and functional MRI at high field systems. Currently she is trying to understand resting state fMRI signal changes in white matter during long scan times. She enjoys baking, working out and pilates, discovering new coffee spots in DC, and moreover, in her free time, she is practicing conversion between °C and °F.



## Ryan Topfer

Ryan spent his undergrad (geophysics, UAlberta) imaging slate; was reborn, a blank slate, as biomedical engineer, for his MSc (UAlberta); and is slated to complete his PhD (Polytechnique Montréal) sometime in the next couple years.



## Phillip Ward

Phillip is a post-doc at Monash Biomedical Imaging. His primary focus is healthy ageing. He develops MRI and PET techniques to investigate vascular and neural function in the context of dementia and depression. Phillip enjoys cooking, reading, and a broad range of sports.

