

Curriculum Vitae

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Name: **David Kaufmann, M.D.**

Office address: **Psychiatry Neuroimaging Laboratory**
Brigham and Women's Hospital
Harvard Medical School
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Klinik und Poliklinik für Kinder- und Jugendpsychiatrie, Psychosomatik und Psychotherapie
Klinikum der Universität München (LMU)
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Education

2001 – 2004 State-run full-time vocational school, certified as a **professional physiotherapist**,
Klinikum Ingolstadt, Germany

10/2004 – 04/2012 **Ludwig-Maximilians-Universität (LMU)**, Munich, Germany
Medical school

02/2008 – 07/2013 **Institute for Clinical Radiology**, Campus Großhadern, LMU Munich, Germany

Dissertation with **summa cum laude**, Mentor: Prof. Dr. Birgit Ertl-Wagner
“Application of new MR techniques: Diffusion tensor imaging in sports related concussion and phase contrast MRI in Multiple Sclerosis”

Positions and Fellowships

06/2012 – 08/2012 **Research Trainee**
Psychiatry Neuroimaging Laboratory, Brigham and Women's Hospital, Harvard
Medical School, Boston, USA

since 10/2012 **Medical Resident**
Department of Radiology, Charité Universitätsmedizin Berlin, Germany

since 06/2017 **Postdoctoral Research Fellow**
Neurobiological Research in Child and Adolescent Psychiatry, Department of Child
and Adolescent Psychiatry, Psychosomatics and Psychotherapy, Ludwig-
Maximilian-University (LMU) Munich, Germany
Site coordinator in multicenter and multinational study “REPIMPACT – Repetitive
subconcussive head impacts – brain alterations and clinical consequences”

since 12/2017 **Visiting Research Fellow**
Psychiatry Neuroimaging Laboratory, Brigham and Women's Hospital
Harvard Medical School, Boston, US

Other Qualifications and Activities

since 2013	Certified for Teaching in Problem based Learning (PBL), Charité Universitätsmedizin Berlin
since 2017	Certified for Teaching in Problem based Learning (PBL), LMU Munich
2016	Specialization for Radiation Protection in Clinical Settings

Professional Societies

since 2013	Member of the German Radiological Society (DRG)
since 2014	Member of the European Society of Radiology (ESR)

Ad hoc Reviewer

since 2017	European Journal of Pediatric Neurology
since 2017	Journal of Science and Medicine in Sports

Original Articles

2011	Koerte I, Kaufmann D , Pelavin P, Reiser M, Shenton M, Ertl-Wagner B, Eckbo R, Rathi Y, Kubicki M, Heinen F. Differentiation of Transcallosal Motor Fibers of the Upper and Lower Extremities in Professional Soccer Players as Demonstrated by a Two- Tensor Algorithm. RSNA – Annual Meeting of the Radiological Society of North America, December 2011. Chicago. USA Radiology, 2011, Suppl
2012	Koerte I*, Kaufmann D* , Hartl E, Bouix S, Pasternak O, Kubicki M, Rauscher A, Li D, Dadachanji S, Taunton J, Forwell L, Johnson A, Echlin P, Shenton M. White Matter Integrity in Ice Hockey Players. Neurosurgical Focus, 2012 Nov; 33:E3
2013	Ertl-Wagner B, Koerte I, Kümpfel T, Blaschek A, Laubender RP, Schick M, Steffinger D, Kaufmann D , Heinen F, Reiser M, Alperin N, Hohlfeld R. Non-specific alterations of craniocervical venous drainage in multiple sclerosis revealed by cardiac-gated phase-contrast MRI. Mult Scler J 2012;18:1000–7. doi:10.1177/1352458511432742.
2015	Erb-Eigner K, Kaufmann D , Issever A-S, Schnapauff D, Hamm B, Niehues S. A headset communication system for interventional radiology training. Med Educ 2015;49:1163–1163. doi:10.1111/medu.12849.
2015	Koerte IK, Lin AP, Muehlmann M, Merugumala S, Liao H, Starr T, Kaufmann D , Mayinger M, Steffinger D, Fisch B, Karch S, Heinen S, Ertl-Wagner B, Reiser M, Stern RA, Zafonte R, Shenton ME. Altered Neurochemistry in Former Professional Soccer Players without a History of Concussion. J Neurotrauma 2015;32:1287–93. doi:10.1089/neu.2014.3715.

- 2016 Koerte IK, Mayinger M, Muehlmann M, **Kaufmann D**, Lin AP, Steffinger D, Fisch B, Rauchmann B, Immler S, Karch S, Heinen F, Ertl-Wagner B, Reiser M, Stern RA, Zafonte R, Shenton ME. Cortical thinning in former professional soccer players. *Brain Imaging Behav* 2016;10:792–8. doi:10.1007/s11682-015-9442-0.
- 2016 **Kaufmann D**, Lauscher JC, Gröne J, Zur Hausen G, Kreis ME, Hamm B, Niehues SM. CT-based measurement of the inner pelvic volume. *Acta Radiol* 2016;0:1–6. doi:10.1177/0284185116637248.
- 2017 zur Hausen G, Gröne J, **Kaufmann D**, Niehues SM, Aschenbrenner K, Stroux A, Hamm B, Kreis ME, Lauscher JC. Influence of pelvic volume on surgical outcome after low anterior resection for rectal cancer. *Int J Colorectal Dis* 2017. doi:10.1007/s00384-017-2793-9.
- 2017 Koerte IK, Nichols E, Tripodis Y, Schultz V, Lehner S, Igbino R, Chuang AZ, Mayinger M, Klier, EM, Muehlmann M, **Kaufmann D**, Lepage C, Heinen F, Schulte-Körne G, Zafonte R, Shenton ME, Sereno AB. Impaired Cognitive Performance in Youth Athletes Exposed to Repetitive Head Impacts. *J Neurotrauma* 2017;neu.2016.4960. doi:10.1089/neu.2016.4960.
- 2017 Sollmann N, Echlin PS, Schultz V, Viher PV, Lyall AE, Tripodis Y, **Kaufmann D**, Hartl E, Kinzel P, Forwell LA, Johnson AM, Skopelja EN, Lepage C, Bouix S, Pasternak O, Lin AP, Shenton ME, Koerte IK. Sex differences in white matter alterations following repetitive subconcussive head impacts in collegiate ice hockey players. *NeuroImage Clin* 2017;17:642–9. doi:10.1016/j.nicl.2017.11.020.
- 2018 Panchal H, Sollmann N, Kinzel P, Alosco ML, **Kaufmann D**, Hartl E, Forwell LA, Johnson AM, Skopelja EN, Shenton ME, Koerte IK, Echlin PS, Lin AP. Neuro-metabolite Changes and Sex Differences in a Single Season of University Ice Hockey Using Magnetic Resonance Spectroscopy. *Frontiers in Neurology*, 2018, *in Revision*