

Lex Mitchell

Adjunct Clinical Assistant Professor, Radiology

CLINICAL OFFICE (PRIMARY)

- **Diagnostic Radiology**

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Bio

CLINICAL FOCUS

- Diagnostic Neuroimaging

PROFESSIONAL EDUCATION

- Board Certification: Neuroradiology, American Board of Radiology (2014)
- Fellowship: Stanford University Neuroradiology Fellowship (2013) CA
- Board Certification: Diagnostic Radiology, American Board of Radiology (2011)
- Residency: Tripler Army Medical Center GME Training Verifications (2011) HI
- Internship: Madigan Army Medical Center General Surgery Residency (2006) WA
- Medical Education: University of Arkansas for Medical Sciences Registrar (2005) AR

Publications

PUBLICATIONS

- **Neuroradiologic Evaluation of MRI in High-Contact Sports.** *Frontiers in neurology*
McAllister, D., Akers, C., Boldt, B., Mitchell, L. A., Tranvinh, E., Douglas, D., Goubran, M., Rosenberg, J., Georgiadis, M., Karimpoor, M., DiGiacomo, P., Mouchawar, N., Grant, et al
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- **Neuroradiologic Evaluation of MRI in High-Contact Sports** *FRONTIERS IN NEUROLOGY*
McAllister, D., Akers, C., Boldt, B., Mitchell, L. A., Tranvinh, E., Douglas, D., Goubran, M., Rosenberg, J., Georgiadis, M., Karimpoor, M., DiGiacomo, P., Mouchawar, N., Grant, et al
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- **Longitudinal alteration of cortical thickness and volume in high-impact sports.** *NeuroImage*
Mills, B. D., Goubran, M. n., Parivash, S. N., Dennis, E. L., Rezaei, P. n., Akers, C. n., Bian, W. n., Mitchell, L. A., Boldt, B. n., Douglas, D. n., Sami, S. n., Mouchawar, N. n., Wilson, et al
2020: 116864
- **Longitudinal Changes in Hippocampal Subfield Volume Associated with Collegiate Football** *JOURNAL OF NEUROTRAUMA*
Parivash, S. N., Goubran, M., Mills, B. D., Rezaei, P., Thaler, C., Wolman, D., Bian, W., Mitchell, L. A., Boldt, B., Douglas, D., Wilson, E. W., Choi, J., Xie, et al
2019
- **Longitudinal changes in hippocampal subfield volume associated with collegiate football.** *Journal of neurotrauma*

Parivash, S. N., Goubran, M. n., Mills, B. D., Rezaii, P. n., Thaler, C. n., Wolman, D. n., Bian, W. n., Mitchell, L. A., Boldt, B. n., Douglas, D. n., Wilson, E. n., Choi, J. n., Xie, et al
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- **Magnetic resonance perfusion image features uncover an angiogenic subgroup of glioblastoma patients with poor survival and better response to antiangiogenic treatment.** *Neuro-oncology*
Liu, T. T., Achrol, A. S., Mitchell, L. A., Rodriguez, S. A., Feroze, A., Kim, C., Chaudhary, N., Gevaert, O., Stuart, J. M., Harsh, G. R., Chang, S. D., Rubin, D. L.
2016
- **Magnetic resonance perfusion image features uncover an angiogenic subgroup of glioblastoma patients with poor survival and better response to antiangiogenic treatment.** *Neuro-Oncology*
Liu, T. T., Achrol, A. S., Mitchell, L. A., Rodriguez, S. A., Feroze, A., Iv, M., Kim, C., Chaudhary, N., Gevaert, O., Stuart, J. M., Harsh, G. R., Chang, S. D., Rubin, et al
2016
- **Magnetic resonance image features identify glioblastoma phenotypic subtypes with distinct molecular pathway activities.** *Science translational medicine*
Itakura, H., Achrol, A. S., Mitchell, L. A., Loya, J. J., Liu, T., Westbroek, E. M., Feroze, A. H., Rodriguez, S., Echegaray, S., Azad, T. D., Yeom, K. W., Napel, S., Rubin, et al
2015; 7 (303): 303ra138-?
- **Magnetic resonance image features identify glioblastoma phenotypic subtypes with distinct molecular pathway activities.** *Science translational medicine*
Itakura, H., Achrol, A. S., Mitchell, L. A., Loya, J. J., Liu, T., Westbroek, E. M., Feroze, A. H., Rodriguez, S., Echegaray, S., Azad, T. D., Yeom, K. W., Napel, S., Rubin, et al
2015; 7 (303): 303ra138-?
- **GLIOBLASTOMA SUBTYPES DEFINED BY QUANTITATIVE IMAGING MAP TO DIFFERENT CANONICAL SIGNALING PATHWAYS**
Itakura, H., Achrol, A., Loya, J., Mitchell, L., Azad, T., Echegaray, S., Yeom, K., Napel, S., Harsh, G., Gevaert, O.
OXFORD UNIV PRESS INC.2014
- **Glioblastoma Multiforme: Exploratory Radiogenomic Analysis by Using Quantitative Image Features** *RADIOLOGY*
Gevaert, O., Mitchell, L. A., Achrol, A. S., Xu, J., Echegaray, S., Steinberg, G. K., Cheshier, S. H., Napel, S., Zaharchuk, G., Plevritis, S. K.
2014; 273 (1): 168-174
- **Glioblastoma multiforme: exploratory radiogenomic analysis by using quantitative image features.** *Radiology*
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- **GLIOBLASTOMA SUBTYPES DEFINED BY QUANTITATIVE IMAGING MAP TO DIFFERENT CANONICAL SIGNALING PATHWAYS**
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OXFORD UNIV PRESS INC.2014
- **Reversible cerebral vasoconstriction syndrome and bilateral vertebral artery dissection presenting in a patient after cesarean section.** *Journal of neurointerventional surgery*
Mitchell, L. A., Santarelli, J. G., Singh, I. P., Do, H. M.
2014; 6 (1)
- **Reversible cerebral vasoconstriction syndrome and bilateral vertebral artery dissection presenting in a patient after cesarean section** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
Mitchell, L. A., Santarelli, J. G., Singh, I. P., Do, H. M.
2014; 6 (1)
- **CREATING A RADIOGENOMICS MAP OF MULTI-OMICS AND QUANTITATIVE IMAGE FEATURES IN GLIOBLASTOMA MULTIFORME**
Gevaert, O., Mitchell, L., Achrol, A., Xu, J., Steinberg, G., Cheshier, S., Napel, S., Zaharchuk, G., Plevritis, S.
OXFORD UNIV PRESS INC.2013: 140–41
- **CANCER STEM CELL TRANSCRIPTIONAL SUBTYPING OF GLIOBLASTOMA MULTIFORME CORRELATES WITH CLINICALLY RELEVANT MOLECULAR AND IMAGING PHENOTYPES**
Gevaert, O., Achrol, A., Gholamin, S., Mitra, S., Westbroek, E., Loya, J., Mitchell, L., Chang, S., Steinberg, G., Plevritis, S., Cheshier, S.
OXFORD UNIV PRESS INC.2013: 140
- **Reversible cerebral vasoconstriction syndrome and bilateral vertebral artery dissection presenting in a patient after cesarean section.** *BMJ case reports*

Mitchell, L. A., Santarelli, J. G., Singh, I. P., Do, H. M.
2013; 2013

- **Radiogenomic analysis indicates MR images are potentially predictive of EGFR mutation status in glioblastoma multiforme**
Gevaert, O., Mitchell, L., Xu, J., Yu, C., Rubin, D., Zaharchuk, G., Napel, S., Plevritis, S.
AMER ASSOC CANCER RESEARCH.2012