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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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- **Longitudinal alteration of cortical thickness and volume in high-impact sports.** *NeuroImage*

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- **Longitudinal Changes in Hippocampal Subfield Volume Associated with Collegiate Football** *JOURNAL OF NEUROTRAUMA*

  Parivash, S. N., Goubran, M., Mills, B. D., Rezaii, 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*
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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*
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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*
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- **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
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- **Magnetic resonance image features identify glioblastoma phenotypic subtypes with distinct molecular pathway activities.** *Science translational medicine*
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- **GLIOBLASTOMA SUBTYPES DEFINED BY QUANTITATIVE IMAGING MAP TO DIFFERENT CANONICAL SIGNALING PATHWAYS**
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- **Glioblastoma Multiforme: Exploratory Radiogenomic Analysis by Using Quantitative Image Features** *RADIOLOGY*
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- **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.
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- **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.
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  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.
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