



**Unal "Zak" Sakoglu, Ph.D. Assistant Professor
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Research Interests: digital signal and image processing; machine learning; medical image analysis, (focus: neuroimaging, functional MRI); remote sensing and detection

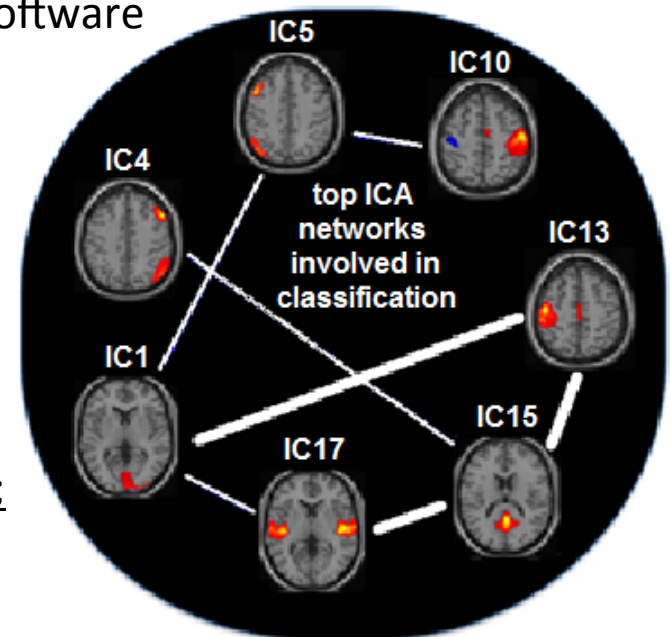
Strengths or unique resources:

Prior grant funding (US DoD, AFRL/AFOSR, Industry); research collaboration and publication record in variety of disciplines (incl. engineering, neuroscience, pharmacology, AI, CS); designed neuroimaging experiments (EEG) with IRB-approvals and obtained funding; NIH grant proposal writing experience; neuroimaging analysis software toolbox development and deployment

Type of collaborator I seek:

Anyone who needs an expert in medical imaging (fMRI, MRI, PET, CT, EEG) data analysis and management in their team

RFA(s) of interest: [DA-19-029](#), [DA-19-036](#), [NS-19-024](#), [HD-19-025](#), [DA-19-024](#), [AR-19-027](#), [DA-19-034](#), [DA-19-023](#), [DA-19-019](#), [MH-19-525](#), [DA-19-016](#), [DA-19-017](#), [DA-19-002](#); and their companions RFAs



Dynamic FC based classification accuracy: 95%
cocaine-dependent vs normal control classification
from fMRI data, using brain networks by ICA