# Areas of activity

## Practice patterns (Paea)
1. Graph analysis ... Jaewon, Dafna, Dejing, Ruoming
2. Co-freq; P (S | D); Phenotype model; QMR ... Paea
3. Focus on one use case (JIA / PAD / COPD)

## Drug Safety (Rave)
1. Weblogs for Phv
2. Medline for signal detection
3. Combining sources
4. Off-label drug use ... Ken

## Clinical studies (Nigam)
1. Association b/w PPI – MI ... Paea
2. JIA-Allergy-Uveitis ... Tyler
3. PPI – COPD ... Yen
4. Finding ‘incidental adjuvants’ ... Yen
5. Surgery outcomes, quality indicators ... Tina
6. Cataract outcomes ... Greg, Tyler, Dr. Pershing

## New data acquisition (Nigam)
1. Mt Sinai ... run our workflow there.
2. PAMF ... data from innovation group
3. Doctor search logs from upToDate.

## Reasoning (Alison Callahan)
1. HyQue for Regenbase

## Predict. Modeling (Ken, Suzanne)
1. Wound healing ... Healogics
2. Cost of care bifurcations ... CERC / Aarhus
3. 30-day quality ... SHC / Doug Blayney

## Engineering (Paea)
1. term disambiguation ... Paea
2. annotation with Unitex ... Alison
3. active learning for cohort building ... Will
4. cohort building spec: patient clustering, slices, and text features ... Tanya
5. i2b2 installation ... New hire
6. deployment ... NCBO developer or new hire.

## Methods for enrichment analysis
1. Use IC to find informative terms
2. Conditional hypergeometric test