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