Join us to discuss:

- Standards, data integration & semantic interoperability
- Natural language processing
- Phenotyping: clinical trial selection, clinical decision support, quality measures
- Software evaluation

Reserve your FREE spot today:

SHARPn.org

Attendees Will:

- EXPLORE technologies and tools that enable secondary uses of EHR data
- PARTICIPATE in a hands-on tutorial from experts on how to better leverage secondary data using open source tools
- PRESENT your paper or poster on related topics through a peer reviewed process
- WORK SIDE-BY-SIDE with community leaders to develop and refine customer and stakeholder requirements
SHARPN “SECONDARY USE” SUMMIT 2012
BUILDING SOLUTIONS THAT MATTER

Enabling secondary use of EHR data to generate new knowledge, improve care, and address population needs

Abridged AGENDA - Monday, June 11, 2012

7:30 – 8:00AM CHECK-IN Continental Breakfast

8:00 – 8:30AM OPENING ADDRESS SHARPN Thought-Leaders on Secondary Use of EHR Data
Christopher G. Chute, M.D., Dr.P.H.
Principal Investigator
Mayo Clinic
Stan Huff, M.D.
Co-Principal Investigator
University of Utah, Intermountain Healthcare

8:30 – 10:00AM TRACK SESSIONS:

- Clinical Data Normalization / Practical modeling issues
- Cloud Resource Lab
- Natural Language Processing
  Semantic level integration with clinical data; state-of-the-art NLP Research

10:00-10:30AM Networking, Open Poster Sessions & Refreshment Break

10:30AM-Noon PAPER/POSTER SESSIONS:

- Standards, Data Integration & Semantic Interoperability Paper Presentations
- Clinical & Population health Community & Natural Language Processing Poster

1:00 – 2:30PM TRACK SESSIONS:

- Terminology Services
  Mapping Use Cases
- High Throughput Phenotyping
  Cohort Identification from Electronic Health Records for Clinical and Translational Research
- NLP Software Demos
  UIMA, cTAKES, CLEARtk

2:30-3:00PM Refreshment break

3:00 – 4:30PM TRACK SESSIONS:

- Data Normalization
  Lessons Learned & SHARPN Tools
- Pan-SHARP Collaborative
  SHARP program overview; Cross-program cooperative: medication reconciliation project

3:00 - 6:00PM cTAKES Coding Sprint

4:30-5:30PM PAPER/POSTER SESSIONS:

- Phenotyping Paper Presentations
- Data Quality & Evaluation Poster Presentations

5:30PM Closing Remarks; Adjourn

Breakfast, Lunch & Refreshments provided by:
Sessions geared to researchers, thought-leaders and students that offer high-value, practical information to address emerging insights into secondary EHR data use.

**Abridged AGENDA - Tuesday, June 12, 2012**

7:30 – 8:00AM **CHECK-IN** Continental Breakfast

8:00 – 9:00AM **OPENING ADDRESS**
SHARPn Project-Leaders on 2012-2013 Domain Milestones

- Hongfang Liu, PhD
  Mayo Clinic
- Guergana Savova, PhD
  Harvard Children’s Hospital
- Jyotishman Pathak, Ph.D.
  Mayo Clinic
- Kent Bailey, Ph.D.
  Mayo Clinic

9:00-10:00AM **PAPER/Demo SESSIONS:**
Natural Language Processing, Clinical data quality Paper Presentations

Open Demo Session

10:00-10:30AM **Networking, Open Poster Sessions & Refreshment Break**

10:30 – Noon **TRACK SESSIONS:**
NLP Information Extraction future exploration
CEMs to CDISC’s SHARE metadata repository
OWL-CEM meta ontology
Data Norm ‘pipeline’ Demos
UIMA, MIRTH

12:00-1:00pm **Lunch / Networking**

1:00 – 2:30PM **TRACK SESSIONS:**
Got BIG data: got correct Conclusions? looking at data quality results of large scale health data
End-to-End Evaluation Framework

1:00 – 4:00PM **Phenoportal Coding Sprint**

1:00 – 4:00PM **NLP Session - invitation only**
Call for Paper, Poster and Demo Presentations

SHARPn would like to proposals for the listed themes, in the below categories.

Call for Paper Abstract -
The paper abstract must be original, i.e. not published in an earlier workshop or conference or journal. Papers shall be accepted or published research and with at least one person with a PhD in the list of editors. Upon acceptance peer-review will be conducted by the SHARPn investigators. Authors of accepted abstracts will have 15 minutes to present and allow for questions on their work at the summit. There will be a limit of 10 slides. Proceedings and slides will be published on freely accessible archive site and will retain material copyrights. Paper abstracts are limited to 300 words.

Call for Posters -
Each accepted poster will be displayed during a dedicated poster session. At least one author must be present at their assigned poster session. Poster abstracts are limited to 300 words. Electronic versions of the posters may also be sent to be published.

Call for Demos –
Each accepted demo will be displayed during a dedicated demo session. At least one author must be present at their assigned demo session. Demo abstracts are limited to 300 words.

Submit your Proposal today:

SHARPn.org

Themes:
- Healthcare data standards
- Data Integration and knowledge acquisition
- Semantic interoperability in healthcare data
- Natural Language Processing of clinical data
- Phenotyping and patient cohort identification using electronic health records
- Clinical data quality
- Methods and approaches for healthcare software evaluation
- Applications in clinical trial selection, clinical decision support, quality measurement, and population health management
The US Department of Health & Human Services Office of the National Coordinator for Health IT funded four Strategic Health IT Advanced Research Projects (SHARP), “to address well-documented problems that impede the adoption of health IT.” The SHARPn consortium is focused on the development, evaluation, and deployment of open source tools for the secondary use of clinical data. http://healthit.hhs.gov/portal/server.pt/community/healthit_hhs_gov__sharp_program/1806