CHA PURPOSE

A platform for conducting sponsored research and graduate education, designed to:

• Support practice-based and academic research projects with accurate and reliable data analysis;
• Build UNH’s capacity to conduct research, in line with the UNH strategic plan;
• Foster interdisciplinary collaboration within and outside of UNH; and
• Increase graduate and undergraduate learning and research opportunities.
ALL-PAYER CLAIMS DATABASES

• Databases, created by state mandate, that typically include data derived from medical, pharmacy, and dental claims with eligibility and provider files from private and public payers:
  • Insurance carriers (medical, dental, TPAs, PBMs)
  • Public payers (Medicaid, Medicare)
• Augmenting (not replacing) hospital discharge, Medicaid, Medicare, registries, and other datasets
TYPICALLY INCLUDED INFORMATION

• Encrypted social security
• Type of product (HMO, POS, Indemnity, etc.)
• Type of contract (single person, family, etc.)
• Patient demographics (date of birth, gender, residence, relationship to subscriber)
• Diagnosis codes (including E-codes)
• Procedure codes (ICD, CPT, HCPC, CDT)
• NDC code / generic indicator
• Revenue codes
• Service dates
• Service provider (name, tax id, payer id, specialty code, city, state, zip code)
• Prescribing physician
• Plan payments
• Member payment responsibility (co-pay, coinsurance, deductible)
• Date paid
• Type of bill
• Facility type
TYPICALLY EXCLUDED INFORMATION

- Services provided to uninsured (few exceptions)
- Denied claims
- Workers’ compensation claims
- Referrals
- Test results from lab work, imaging, etc.
- Provider affiliation with group practice
- Provider networks
- Premium information
- Capitation fees
- Administrative fees
- Back end settlement amounts
- Back end P4P or PCMH payments
## EXAMPLE UNH APCD-BASED PROJECTS

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| NH Insurance Dept.                         | - Analysis of NHCHIS  
- Quality assurance of NHCHIS                                            | Patrick Miller (NHIHPP)  
Jo Porter (NHIHPP)                                                      |
| Tamworth Community Nurses Association       | Data and cost analysis for a community-based organization               | Patrick Miller (NHIHPP)                        |
| Various insurance carriers/Endowment for Health | Evaluation of medical home pilot sites in NH                             | Jo Porter (NHIHPP)                             |
| NIDA (submitted)                           | Impact of Medical Marijuana Use on Costs                                | Deb Brucker (IOD)                             |
| HRSA (submitted)                           | Secondary Data Analysis to Describe Long-term Follow-up of Newborn Screening | Monica McClain (IOD)                          |
ADDITIONAL PROJECTS

• Data Security and Access
  • RCI developing a new network design to promote more access to secure data storage and access
  • Working with IOD to allow use of existing IHPP server to maximize use of existing resources

• Graduate student participation
  • WSBE grad student data set for Masters thesis
  • Data set for PhD candidate at UNC
  • Call out for summer opportunity across UNH grad school programs
QUESTIONS?

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