Welcome

Thank you for joining the **Gravity Project** Workgroup meeting!
Due to the large number of attendees, participants are **muted upon entry. Please remain muted to avoid background noise.**

This call is being recorded; recording will be available on the Gravity Confluence page following

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).

**Please send chats to “Everyone.”**
Gravity Project Anti-Trust Practices

- Gravity Project participants have the responsibility to comply fully with federal and state antitrust laws.

- Individuals speaking or providing written communications shall refrain from any discussion which may provide the basis for an inference that they have agreed to take any action relating to prices, services, production and allocation of markets or any other matter having a market effect.

- Participants shall not discuss their pricing or others’ pricing or any term that might affect pricing or fees, such as costs, discounts, terms of sales or profit margins.

- Adherence to these guidelines involves not only avoidance of antitrust violations, but avoidance of behavior that might be so construed.
Gravity Project Participation

- If you have not already done so, we invite you to officially join the project here: https://confluence.hl7.org/display/GRAV/Join+the+Gravity+Project

- If you want to check whether you have already signed up or if others from your organization have signed up, please review the existing membership here: https://confluence.hl7.org/pages/viewpage.action?pageId=46892669#JointheGravityProject-GravityProjectMembershipList

- For all other Gravity Project information, please visit: https://confluence.hl7.org/display/GRAV/The+Gravity+Project
Project Founders and In-Kind Support To-Date

https://confluence.hl7.org/display/GRAV/Gravity+Project+Sponsors
Gravity Project Sponsorship

- The Gravity Project is currently seeking additional sponsors for our 2020 operations
  - This is an opportunity to be a recognized contributor to our critical national work
- If you are interested in learning more about sponsoring opportunities, please send an email to GravityProject@emiadvisors.net or visit https://confluence.hl7.org/display/GRAV/Gravity+Project+Sponsors
The Gravity Project is on Social Media!

- The Gravity Project is now official on social media
- We will be using the social media platforms for relevant project and SDOH data integration related communications
- We invite you to follow us on LinkedIn and Twitter
  - LinkedIn: Gravity Project
  - Twitter: @thegavityproj
- Help us spread the word!
The HL7® FHIR Virtual Connectathon will occur from September 9th to 11th.

The Gravity team is leading the Gravity Project SDOH-CC Connectathon Track (testing Gravity Use Case 1 and Use Case 3).

- Sign up to be a participant: https://confluence.hl7.org/display/GRAV/Connectathon+Participation+Sign-Up
ONC USCDI Submissions

- ONC announced the United States Core for Data Interoperability (USCDI) is now open for submissions through **October 9, 2020**.

- The Gravity Project invites the Gravity Community to submit new data elements and data classes for the USCDI Draft v2 through the ONC New Data Element and Class (ONDEC) submission system here: [https://www.healthit.gov/isa/ONDEC](https://www.healthit.gov/isa/ONDEC)

- The Gravity Project team will draft a formal letter on behalf of the Gravity Project. If you want to be added to this letter, please send your interest to: gravityproject@emiadvisors.net.
New HHS SDOH COVID-19 Collaboration Site

- The Department of Health and Human Services (HHS) has announced a new website that will be focused on using SDOH data to fight COVID-19.
- The core objective of this collaboration site is to identify actions HHS can implement in the next three months.
- View the HHS website here: https://sdoh4covid.crowdicity.com
ACL Challenge Grant is Now Accepting Applications

- Registration for Phase 1 (i.e. the letter of intent) is due December 14, 2020. The challenge.gov posting will be updated with this information.
  - To learn more about the grant requirements, refer to the July 28th webinar here: https://confluence.hl7.org/pages/viewpage.action?pageId=76153059#GravityProjectEvents-PastGravityProjectEventMaterials
ONC Advancing Interoperability: Social Determinants of Health Workshop Sept. 21, 2020

- ONC is hosting a one-day virtual workshop to convene healthcare and human services providers to understand their approaches to integrating SDOH data into value-based care. A portion of the day will focus on providing stakeholders the information and tools needed to develop SDOH data management in clinical practice guidelines and maintenance of certification activities.

- Register for the event here: https://event.capconcorp.com/wp/the-advancement-of-sdoh-standards-convening/
# Agenda

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Announcements</td>
<td>Evelyn</td>
</tr>
<tr>
<td>Project Schedule &amp; Terminology Build Approach</td>
<td>Sarah</td>
</tr>
<tr>
<td>Introduction: Gravity Project Manager</td>
<td>Evelyn</td>
</tr>
<tr>
<td>End to End Review: Housing Instability and Homelessness Decisions</td>
<td>Sarah</td>
</tr>
<tr>
<td>Consensus Voting: Housing Instability and Homelessness</td>
<td>Evelyn</td>
</tr>
<tr>
<td>Update: Inadequate Housing Data Concepts</td>
<td>Sarah</td>
</tr>
<tr>
<td>Transportation pre-work</td>
<td>Sarah</td>
</tr>
<tr>
<td>Review: Gravity Data Principles</td>
<td>Sarah</td>
</tr>
<tr>
<td>Review: Gravity Technology Direction</td>
<td>Bob</td>
</tr>
<tr>
<td>Community Homework and Next Steps</td>
<td>Sarah</td>
</tr>
</tbody>
</table>

Please submit questions and comments using the Webex chat feature.
## Gravity Project Schedule and Activities (August through October)

<table>
<thead>
<tr>
<th>Date</th>
<th>Gravity WG Meeting Tasks</th>
<th>Homework</th>
</tr>
</thead>
</table>
| 08/06 | **Housing Phase I Review:** End-to-End Review of Housing Instability and Homelessness Data Elements  
**Housing Phase II:** Inadequate Housing Data Element Concepts | Review and submit comments: Housing Instability and Homelessness Master List  
Submit: Inadequate Housing Concepts |
| 08/20 | **Housing Phase II:** Inadequate Housing Data Elements Concepts  
*Transportation Pre-Work* | Submit: Inadequate Housing Concepts  
Submit: Transportation Concepts |
| 09/03 | **Housing Phase I:** Housing Instability and Homelessness Consensus Voting  
**Housing Phase II:** Inadequate Housing Data Element Concepts  
*Transportation Pre-Work* | Submit: Housing Instability and Homelessness Consensus Votes  
Submit: Inadequate Housing Concepts  
Submit: Transportation Concepts |
| 09/17 | **Housing Phase I:** Housing Instability and Homelessness Consensus Voting  
**Housing Phase II:** Inadequate Housing Data Element Concepts  
*Transportation Kickoff* | Submit: Housing Instability and Homelessness Consensus Votes  
Submit: Inadequate Housing Concepts  
Submit: Transportation Concepts |
| 10/01 | **Housing Phase II:** Inadequate Housing Data Element Concepts  
*Transportation Phase I: Transportation Concepts* | Review and submit comments: Inadequate Housing Master List  
Submit: Transportation Concepts |
Gravity Overview: Two Streams

SDOH Domains (Terminology)

1. Data Set Identification
2. Coding Gap Analysis & Recommendation
3. New Code Submissions
4. Publication in NLM VSAC & ONC ISA

Technical (FHIR)

1. FHIR IG Ballot & Publication
2. FHIR IG Development
3. CODED VALUE SETS
4. FHIR IG Testing

Community & FHIR Coordination
Community Terminology Development

A. Community Terminology Development

1. The anchor of every domain is the SIREN compendium of existing SDOH terminology – a study of what exists

2. Domain relevant terms are gleaned from the compendium and adjudicated against the literature

3. A collective brainstorming enriches the Master List
   - Always published on Confluence

4. Concepts are added, refined, \textit{and defined}, until we’ve a representative set aligned with literature and practice

5. Consensus Review and Voting
Community Terminology Development
Questions?

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).

Please send all chats to Everyone.
Introduction:
Gravity Project Manager
Meet Carrie Lousberg!

Carrie is a certified PMP and SCRUM Master with over 16 years of experience working across several industries to include telecommunications, manufacturing, government contracts, and health care. Her most recent work was Program Director at Catholic Health Initiatives (CHI), now CommonSpirit—a national mission-driven health care system.

Carrie holds an undergraduate degree in Psychology from the University of Northern Colorado and an MBA in International Business from Regis University.

She is a Colorado native who enjoys the great outdoors and spending time with her four siblings and several nieces and nephews.
End-to-End Review: Housing Instability and Homelessness Decisions
Housing Data Element Submitters

United Healthcare
Allscripts®/All possible
NCDHHS
Washington Association for Community Health
Community Health Centers • Advancing Quality Care for All
Washington State Health Care Authority
Selfhelp
NIH
National Institute of Nursing Research
School of Medicine
UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS
Academy of Nutrition and Dietetics
Kansas City
RIVERSTAR
AHIMA
HUD EXCHANGE
Providence St. Joseph Health
IBM Watson Health
PULSE® Health Polls
HL7 International
Gravity Project
# Housing Instability and Homelessness Data Element Submissions Summary

**Total Submissions Received = 18**

<table>
<thead>
<tr>
<th>Screening Tool/ Questions</th>
<th>Diagnosis</th>
<th>Goal</th>
<th>Intervention</th>
</tr>
</thead>
<tbody>
<tr>
<td>29 Tools / 360 Questions</td>
<td>36</td>
<td>19</td>
<td>97</td>
</tr>
</tbody>
</table>

**Submissions Reviewed = 15**

<table>
<thead>
<tr>
<th>Disposition</th>
<th>Disposition</th>
<th>Disposition</th>
<th>Disposition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duplicates –5 Tools/7 Questions Synonymous 1 Tool/ 1 Question</td>
<td>Duplicates – 1</td>
<td>Duplicate – 0 Synonymous - 2</td>
<td>Duplicates – 4 Synonymous – 46</td>
</tr>
<tr>
<td>Do Not Add – 9 Tools/171 Questions</td>
<td>Do Not Add – 11</td>
<td>Do Not Add – 1</td>
<td>Do Not Add – 11</td>
</tr>
<tr>
<td>Hold – 0 Tools/0 Questions</td>
<td>Hold – 0</td>
<td>Hold – 1</td>
<td>Hold – 2</td>
</tr>
</tbody>
</table>

**Total Submissions Returned* = 17**

* Adjudication completed and file returned to submitter with dispositions
Key Changes: Diagnoses

- In line with just published Healthy People 2030 goals of reducing % of those with housing cost burden (>30%)
- Current problem/diagnosis only for “severe housing cost burden”
- Adding “housing instability, housed, housing cost burden”
Key Changes: Goals

- Trying to wrap around the goals where the person is remaining
- “Safe sleeping” - remaining in unsheltered homelessness but doing so with improved safety
- “Stabilize housing” remaining in current housing but with improved stability
- “Stay as I am” - just that...
Key Changes: Interventions

- New Programs, Professions, or People
  - Area Agency on Aging
  - Community Development Financial Institutions
  - Mortgage assistance
  - Foreclosure prevention assistance
  - Healthcare program for the homeless
Consensus Voting: Housing Instability and Homelessness
Why is Consensus Voting Important?

- Consensus relies on **due process** to allow equity and fairness.

- The consensus process supports open participation, a balance of interests, and an equal opportunity for all participants without any dominant positions.

- Consensus voting provides the opportunity to address all views and resolve any objections so an agreement can be reached.

Image source: [http://www.ontheagilepath.net/2015/05/efficient-group-decisions-using-the-7-levels-of-decision-making-an-agile-coach-must-have.html](http://www.ontheagilepath.net/2015/05/efficient-group-decisions-using-the-7-levels-of-decision-making-an-agile-coach-must-have.html)
Housing Instability and Homelessness
Consensus Voting

VOTING PERIOD: 9/3/2020- 9/18/2020

- All committed members vote
  - **Yes:** A Yes vote does not necessarily mean that the deliverable is the ideal one from the perspective of the Committed Member, but that it is better to move forward than to block the deliverable.
  - **Yes with Comment:** If a consensus process attracts significant comments through Yes With Comment votes, it is expected that the comments will be addressed in a future revision of the deliverable.
  - **Formal Objection:** This vote must include comments indicating a path to address the objection in a way that meets the known concerns of other members of the project. A Formal Objection vote without such comments will be considered an Abstain vote.
  - **Abstain:** A member declined to vote.

https://confluence.hl7.org/display/GRAV/Consensus+Voting
Questions?

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).

Please send all chats to Everyone.
Update: Inadequate Housing Data Concepts Submission Status
Inadequate Housing Data Element Submissions Summary

Total Submissions Received = 4

<table>
<thead>
<tr>
<th>Screening Tool/ Questions</th>
<th>Diagnosis</th>
<th>Goal</th>
<th>Intervention</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 Tools / 48 Questions</td>
<td>5</td>
<td>0</td>
<td>36</td>
</tr>
</tbody>
</table>

Submissions Reviewed = 3

<table>
<thead>
<tr>
<th>Disposition</th>
<th>Disposition</th>
<th>Disposition</th>
<th>Disposition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duplicates –</td>
<td>Duplicates –</td>
<td>Duplicate –0</td>
<td>Duplicates – Synonymous –</td>
</tr>
<tr>
<td>Park – 3 Tools/16 Questions</td>
<td>Park –</td>
<td>Park –</td>
<td>Park –</td>
</tr>
<tr>
<td>Hold – 4 Tools/18 Questions</td>
<td>Hold – 2</td>
<td>Hold</td>
<td>Hold – 4</td>
</tr>
</tbody>
</table>

Total Submissions Returned* =

* Adjudication completed and file returned to submitter with dispositions
Data Submission Framework

• Screening tools
• Assessments/Diagnoses
• **Goals of care**
• **Interventions**
  ▪ Program Names and Definitions
  ▪ Provider/Practitioner Roles (e.g. community health navigator)
  ▪ Applicable Intervention Activities/Services
Data Submission Framework

• **Interventions**
  - Program Names and Definitions
  - Provider/Practitioner Roles (e.g. community health navigator)
  - Applicable Intervention Activities/Services

*We are still looking for further intervention concepts to address inadequate housing concerns*
Perspectives on Data - Brainstorming

What kinds of data does the provider need to care for their patients?

the hospital need to study the effects of provider interventions?

the community-based org need to address the need of their clients?

the state need to plan for population health needs?

And what are the principles we need to consider to keep patients at the center?
Questions?

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).

Please send all chats to Everyone.
Transportation Pre-Work
Transportation Insecurity Pre-Work

- SAVE THE DATE FOR KICK-OFF SEPT. 17, 2020

- SMEs
  - Alexandra King - Community Transportation Association of America (CTAA)
  - Jennifer Sisto Gall - Lyft

- Prior to starting the transportation domain, please begin to submit transportation concepts so we can start with a robust set!
  - [https://confluence.hl7.org/display/GRAV/Transportation+Domain](https://confluence.hl7.org/display/GRAV/Transportation+Domain)

- Contact your transportation colleagues and bring them into the fold!
Questions?

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).

Please send all chats to Everyone.
Review: Gravity Data Principles
Gravity Data Principles

- Over the course of the past two months the Gravity Technical Advisory Committee has been working on a guiding set of principles for our collective work
- “The Principles of Data Exchange for Equitable Health and Social Care”
- We now bring them to our collective for review
  - This can be found on the confluence here: https://confluence.hl7.org/display/GRAV/Gravity+Data+Principles
- Akin to our terminology development end to end process, prior to our next call, please send any comments to gravityproject@emiadvisors.net
Review: Gravity Data Principles

1. Improving personal health outcomes
2. Improving population health equity
3. Ensuring personal control
4. Designing appropriate solutions
5. Ensuring accountability
6. Preventing, reducing, and remediating harm
Review: Gravity Technical Direction
Gravity Project Deliverables

- Use Cases
- Common data elements and associated concept domains
- Coded data element capture and grouping recommendations
- FHIR Implementation Guides
  - Framework
  - Survey, Coding, Diagnosis and Aggregation
- Reference Implementation
SIREN Social Risk Codes Review

19 Social Risk Domains

- Access to health care
- Child Care
- Clothing
- Education
- Finances
- Food
- Housing
- Immigration/migration
- Incarceration
- Primary Language
- Race/ethnicity
- Residential address
- Safety
- Social connections/isolation
- Stress
- Transportation
- Utilities
- Veteran status
- General SDOH (not domain specific)

SDOH Domains – Current Focus

Graphic from: https://hitconsultant.net/2019/03/18/social-determinants-of-health-sdoh-collection/#.XoQWNHJ7nces
Gravity Project Data Element and Gaps Analysis Work

For each domain:

- What concepts need to be documented across the following activities?
- What codes reflecting these concepts are currently available? What codes are missing?
## Paths and issues

<table>
<thead>
<tr>
<th>Approach</th>
<th>Benefits</th>
<th>Limitations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focus on one domain at a time</td>
<td>Deal with only one domain at a time – run it near completion</td>
<td>Adoption challenges:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1) Adoption only by domain specific survey or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2) Incorporate one domain in a multi-domain risk tools / SDOH process</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3) Years until all domains are available</td>
</tr>
<tr>
<td>Add Focus on “comprehensive Risk Assessment”</td>
<td>1) Support a complete coded Survey Process</td>
<td>1) Risk of adopting questions/answers that may need revision during full</td>
</tr>
<tr>
<td></td>
<td>2) Feed back on all domains</td>
<td>domain work</td>
</tr>
<tr>
<td></td>
<td>3) Comprehensive SDOH Risk management for patient, provider, payer,</td>
<td>2) Gravity is not promoting a single survey – need to support multiple</td>
</tr>
<tr>
<td></td>
<td>resource allocation planning</td>
<td>assessment tools</td>
</tr>
<tr>
<td></td>
<td>4) Add goals and interventions as developed</td>
<td></td>
</tr>
</tbody>
</table>
Gravity “use cases” flow

Assessment/Survey (LOINC coded)

Health Concerns (ICD-10-CM and SNOMED-CT)

Goals (LOINC)

Interventions (SNOMED-CT and CPT/HCPCS)

Interventions by

Outcomes

Measure/Survey

Execute

Assign

Set

Coding

Aggregation and Reporting

Assessment/Survey (LOINC coded)
Assembling the Components
Each “train car” represents a specific domain such as Food Insecurity

**Current Process**

**Proposed Process**

---

HL7 International

---

51
Update: Technical Direction
Gravity FHIR IG “use cases” / concepts
SDOH Multi-Domain Framework IG

- Using current work effort
- Continue to complete
  - Survey
  - Diagnoses
  - Goals
  - Interventions (Referrals, Orders)
  - Aggregation/Reporting
- Reduce focus on exchange methods (use REST)
- Use Food Insecurity as the example domain
- January Ballot for Standard for Trial Use (STU)
1. Redesigning the FHIR IG to support multiple domains
   • Working on new FHIR methods to allow “Value sets” to flex based on the domain requirements
   • Working on new methods to allow any survey instrument to be represented and use the FHIR IG

2. Planning for support for multiple “use cases” in the STU1 version of the FHIR – target is January ballot cycle
   • It is important to remember that the IG is a definition of how to represent SDOH information for exchange. (e.g. via a FHIR based API – conformant to the ONC 21st Century Cures Act final rule)
FHIR SDOH-CC-MD IG Use Cases

- Survey (representing surveys as FHIR Questionnaire and QuestionnaireResponse)
- Creating Health Concerns list (see USCDI) with appropriate ICD-10 and SNOMED-CT coding
- Representing SDOH goals as part of an SDOH care plan
- Representing SDOH interventions as requests for services from CBOs (where appropriate)
- Managing the request process (e.g. tracking interventions)
- Measuring outcomes
- Reporting individual and aggregated data as appropriate
- Managing consent to share SDOH data
Enabling Survey Instruments

Survey

LOINC Panel (Survey Instruments)
  Include
  Health Concern Algorithm

Conversion to FHIR Questionnaire
  (enhanced NLM LHC-Forms Widget)

Execute FHIR Questionnaire
  (enhanced NLM SDC Questionnaire App)

QuestionnaireResponse

Observation
  (survey question-answer pair)

Condition
  Health Concern

Dynamic Value Sets – based on LOINC Panel Definitions

Establish complete survey as LOINC Components with LOINC Answer Lists
Add calculation logic for Questionnaire

Build executable FHIR Questionnaire with logic to create LOINC-LOINC Observations and SNOMED-CT/ICD10-CM Health Concerns

Condition
  Problem

Provider Evaluation

Goal

Condition Diagnosis

Other
  “clinical” findings

Note: all Survey instruments SHALL produce Health Concerns with Gravity defined value sets

Dynamic Value Sets – based on LOINC Panel Definitions

Need to be able to express in the health concern any “hidden” computational logic
Reference Implementation

- Using the SDOH Framework IG
- Create a “reference implementation” that demonstrates all of the concepts in the IG
  - Survey based on FHIR Questionnaire including creation of a QuestionnaireResponse, Observations, and Conditions (Health Concerns)
  - Ability to create Condition resources as part of the survey process with appropriate SNOMED and ICD coding based on Gravity terminology effort
  - Ability to aggregate Questionnaire, QuestionnaireResponse, Observations, Conditions, Consent and exchange them with responsible organizations
  - Ability to create and exchange Goal, CarePlan, Procedure, ServiceRequest, and Consent
## Technology Timeline

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Aug</th>
<th>Sept</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>April</th>
<th>May</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop IG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ballot IG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ballot Reconciliation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Publish IG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connectathons</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RI Development</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RI Update</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
HL7® FHIR Virtual Connectathon 25

- The HL7® FHIR Virtual Connectathon will occur from September 10th and 11th
- The Gravity team is leading the [Gravity Project SDOH-CC Connectathon Track](https://confluence.hl7.org/display/GRAV/Connectathon+Participation+Sign-Up) (testing Gravity Use Case 1 & 3)
  - Register for the HL7 Connectathon: [https://www.hl7.org/events/fhir-connectathon/index.cfm?ref=nav](https://www.hl7.org/events/fhir-connectathon/index.cfm?ref=nav)
  - Sign up to be a Gravity Track participant: [https://confluence.hl7.org/display/GRAV/Connectathon+Participation+Sign-Up](https://confluence.hl7.org/display/GRAV/Connectathon+Participation+Sign-Up)
- The focus of this Connectathon is on the process from survey to health concern
Questions?

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).

Please send all chats to Everyone.
Community Homework and Next Steps
Homework

- **General**
  - Catch up as needed on materials and recordings on Gravity Project Materials Confluence page
    

- **Housing Instability and Homelessness**
  - Vote (committed members only)
    
    [https://confluence.hl7.org/display/GRAV/Consensus+Process](https://confluence.hl7.org/display/GRAV/Consensus+Process)
  - **Inadequate Housing**
    - Submit new concepts: via excel and email
      
      [https://confluence.hl7.org/display/GRAV/Inadequate+Housing+Domain](https://confluence.hl7.org/display/GRAV/Inadequate+Housing+Domain)

- **Transportation**
  - Submit new concepts: via excel and email
    
    [https://confluence.hl7.org/display/GRAV/Transportation+Domain](https://confluence.hl7.org/display/GRAV/Transportation+Domain)
Next Steps

- Join the Gravity Project as a Committed Member or Other Interested Party
  - [https://confluence.hl7.org/display/GRAV/Join+the+Gravity+Project](https://confluence.hl7.org/display/GRAV/Join+the+Gravity+Project)

- Sign up be a participant in the Gravity Project SDOH-CC Connectathon Track at the HL7® FHIR Virtual Connectathon occurring from September 9th to 11th
  - [https://www.hl7.org/events/fhir/connectathon/2020/09/](https://www.hl7.org/events/fhir/connectathon/2020/09/)
  - [https://confluence.hl7.org/display/GRAV/Connectathon+Participation+Sign-Up](https://confluence.hl7.org/display/GRAV/Connectathon+Participation+Sign-Up)
Thank you for participating in this national consensus-building process.

Additional questions? Contact: gravityproject@emiadvisors.net
Back-Up
Overview: Gravity Terminology Development Process
Gravity Terminology Development Process

A. Community Terminology Development
B. Publication of ONC Gap Analysis and Recommendations Manuscript
C. New Code Submissions (LOINC, SNOMED, ICD-10-CM)
D. Development of Coded Value Sets
E. Value Set Publication
Community Terminology Development

A. Community Terminology Development

1. The anchor of every domain is the SIREN compendium of existing SDOH terminology – a study of what exists

2. Domain relevant terms are gleaned from the compendium and adjudicated against the literature

3. A collective brainstorming enriches the Master List
   1. Always published on Confluence

4. Concepts are added, refined, and defined, until we’ve a representative set aligned with literature and practice

5. Consensus Review and Voting
Gravity Overview: Two Streams

SDOH Domains (Terminology)
- Data Set Identification
- Coding Gap Analysis & Recommendation
- New Code Submissions

CODED VALUE SETS

Technical (FHIR)
- FHIR IG Testing
- FHIR IG Development
- Community & FHIR Coordination
- FHIR IG Ballot & Publication

Publication in NLM VSAC & ONC ISA

HL7 International
# Adjudication Dispositions - Review

<table>
<thead>
<tr>
<th>Adjudication Status</th>
<th>Definition</th>
<th>Disposition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duplicate Data Element</td>
<td>Conceptually similar, same code(s), same answers for questions</td>
<td>Submitter will be added as contributor for the data element in the Master file</td>
</tr>
<tr>
<td>Add Data Element</td>
<td>In scope, fit for purpose, not too broad and not too narrow</td>
<td>Data element will be added to the Master file</td>
</tr>
<tr>
<td>Do Not Add - Park</td>
<td>Not in scope for this domain but may be useful for another Gravity Domain</td>
<td>Will be added to a Parking File for future review</td>
</tr>
<tr>
<td></td>
<td>(housing insecurity, transportation)</td>
<td></td>
</tr>
<tr>
<td>Do Not Add</td>
<td>Not in scope for this domain or another Gravity domain, not well formed</td>
<td>Will be noted on adjudication file with reason</td>
</tr>
<tr>
<td></td>
<td>, not fit for purpose</td>
<td></td>
</tr>
<tr>
<td>On-Hold (Info Needed)</td>
<td>Need additional clarification from submitter</td>
<td>Will be noted on adjudication file with additional information needed</td>
</tr>
<tr>
<td>Withdrawn</td>
<td>After discussion between submitter and SMEs, concept was withdrawn by</td>
<td>Will be noted on adjudication file with reason</td>
</tr>
<tr>
<td></td>
<td>submitter</td>
<td></td>
</tr>
</tbody>
</table>