The Gravity Project

Consensus-driven standards on social determinants of health

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Project Information

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UPCOMING COMMUNITY MEETING DETAILS AND HOMEWORK
Meetings, Media and Communications

Workstreams and Governance
The goal of the terminology workstream is to collectively craft a representative data set for each social risk domain. The Gravity Project divides each data set into four activities—screening, diagnosis, goal setting, and interventions—in order to represent clinical processes and associated terminologies.

The technical workstream expands available Core Social Determinant of Health (SDOH) Data for Interoperability and accelerates standards-based information exchange by using HL7 FHIR. The technical workstream addresses the question of how to record and document SDOH information in the clinical care setting, across the four primary activities of care—screening, diagnosis, goal setting, and interventions.
Processes, Principles and Materials
Announcements

HL7 SDOH CC FHIR IG Public Meeting Wednesday, October 13th

- The Technical Team and HL7 Patient Care Workgroup meet Wednesdays from 3 to 4 pm ET.
- Agenda and meeting materials available here: [http://www.hl7.org/concalls/CallDetails.cfm?concall=54510](http://www.hl7.org/concalls/CallDetails.cfm?concall=54510)
- HL7 Calendar Information available here: [http://www.hl7.org/concalls/CallDetails.cfm?concall=54510](http://www.hl7.org/concalls/CallDetails.cfm?concall=54510)
NEW Gravity HL7 FHIR IG Publication

The Gravity Project Team is pleased to announce the formal publication of the HL7 FHIR SDOH Clinical Care Implementation Guide (IG) which can be found [here](#). The IG is supported by a Reference Implementation (RI) available [here](#). The most updated RI will be used to test the SDOH FHIR IG at the September 13-15, 2021 HL7 FHIR Connectathon.

SDOH Data Class Included in USCDI v2

On July 9th 2021, the Office of the National Coordinator (ONC) announced the addition of the SDOH data class to the U.S. Core for Data Interoperability. This is a significant accomplishment for the Gravity Community. Thank you to all our members that supported the Gravity Project submission and provided feedback to the ONC. Please see our press release [here](#).

Join the Gravity Project for Demographics: Educational Attainment and Employment Status Goals/Interventions Consensus Voting Thursday, Oct 14th

Join the Gravity Project as we conduct Demographics: Educational Attainment and Employment Status Goals/Interventions Consensus Voting during the community meeting on Oct 14th. Voting will take place via poll during the community meeting. View Gravity’s consensus process [here](#).

Join the Gravity Project for Elder Abuse, Social Connection, and Demographics-Veteran Status Goals/Interventions Consensus Voting Thursday, Oct 28th

Join the Gravity Project as we conduct Elder Abuse, Social Connection, and Demographics- Veteran Status Goals/Interventions Consensus Voting during the community meeting on Oct 28th. Voting will take place via poll during the community meeting. View Gravity’s consensus process [here](#).

Demographics, Elder Abuse & Social Connection Master Lists Updated Oct 12th

The Educational Attainment, Employment Status, Elder Abuse, and Social Connection Master Lists were updated Tuesday, Oct 12th. View the Educational Attainment & Employment status master lists [here](#). View the Elder Abuse master list [here](#). View the Social Connection master list [here](#).

ICD-10-CM Submission Status Update

The Gravity Project is excited to announce that the education, food insecurity and housing ICD-10-CM codes from our multi-domain set were approved for implementation this October 1st, 2021. View a detailed list of approved codes [here](#). The remaining ICD-10-CM elements from the Gravity Project submission were presented by NCHS staff at the ICD-10-CM Coordination and Maintenance Committee Meeting September 14th and 15th. There is a written period of public comment in the weeks after. The Gravity Project team is happy to assist with framing of written public comment.

- Relevant Resource: Healthify- “Everything Payers Need to Know About the ICD-10-CM SDoH Code Expansion” available [here](#).

Domain Code Dashboard

The Gravity Project has created a dashboard which shows the status of domain specific codes across our four activities (Screeners, Diagnosis, Goals, and Interventions). Each domain has a spreadsheet that lists the codes available to date. The spreadsheets will be updated after major release dates. View the dashboard [here](#).

Healthcare Leaders Gather to Address World’s Most WideSpread Public Health Crisis: Loneliness and Isolation, Event Oct 13th

On October 13th, the Foundation for Social Connection, a non-profit dedicated to ensuring the development of evidence-based solutions for a socially engaged society, and Social Health Labs, a social impact organization founded to facilitate innovation in the social health space, will host Connect+Healthcare, the fifth in a unique series of interactive events focused on addressing social isolation and loneliness. Join the Gravity Project as Sarah DeSilvey, DNP, FNP, Clinical Informatics Director, presents at this event. Learn more [here](#).

PCORI Scoping Review and Evidence Map Report: Social Needs Interventions to Improve Health Outcomes

PCORI has developed a report available [here](#) and published an interactive evidence map on social needs available [here](#).

DirectTrust Information Exchange for Human Services (IX4HS) Consensus Body, Webinar Oct 14th

The DirectTrust announced the formation of the IX4HS. View announcement [here](#). This group will work to create a profile using Direct as a transport mechanism in conjunction with other groups/standards/workflows to address information flow between healthcare and human services. A webinar is scheduled for Oct. 14th at 12 pm ET. Register [here](#). The Gravity Project will work with participants to better understand and communicate alignment with Gravity terminology and FHIR products.

AWS Grant: New Global Program to Help Customers Develop Cloud Solutions to Advance Health Equity, Application due Nov 15th
Over the next three years, AWS is committing $40M to harness the power of the cloud to advance health equity globally. Amazon Web Services (AWS) is offering AWS Promotional Credit and technical expertise to selected institutions and companies addressing health disparities that impact underserved or underrepresented communities around the world. The program will support applications that: 1) increase access to health services, 2) reduce disparities by addressing social determinants of health, and 3) leverage data to promote equitable and inclusive systems of care. Applications are due Nov 15th. Learn more here.

**HHS Postpartum Equity in Care Challenge: Innovative Methods to Improve Postpartum Care for Black or African American and American Indian/Alaska Native Women. Submission due Dec 17th**

The Office on Women’s Health (OWH) in partnership with the Centers for Medicare and Medicaid Services (CMS) is seeking innovative ways to improve postpartum care for Black or African American and American Indian or Alaska Native (AI/AN) low-income beneficiaries enrolled in Medicaid or Children’s Health Insurance Program (CHIP). Phase 1 of the competition aims to identify effective programs that range in their design and range geographically. The goal of Phase 1 will be the identification of effective programs that can successfully increase access to, attendance at, and quality of care for postpartum visits for Black or African American and AI/AN beneficiaries enrolled in Medicaid or CHIP. Phase 1 submissions are due December 17th. Learn more here.

**COVID-19 and SDOH**

Please visit and contribute to the Gravity Project SDOH COVID-19 Response page, where you’ll find a blog and other resources. Anyone can view the blog, but a Confluence login is required for those who wish to post blog content. Click here for instructions on how to request a Confluence login. Email webmaster@hl7.org for login and technical support.

**Social Media**

The Gravity Project is now official on social media! We invite you to follow us on LinkedIn and Twitter. We will be using the social media platforms for relevant project and SDOH data integration related communications. Help us spread the word!

**Project Overview**

The Social Interventions Research and Evaluation Network (SIREN), with funding from the Robert Wood Johnson Foundation and in partnership with EMI Advisors, LLC, launched the Gravity Project in May 2019. The Gravity Project convenes stakeholders across the country through an open and transparent collaborative process where they develop and test consensus-based standards to facilitate SDOH data capture and exchange across a variety of systems and settings of care and social services.

The Gravity Project seeks to identify data elements and associated value sets to represent SDOH information documented in electronic health records (EHRs) across four clinical activities: screening, diagnosis, goal setting, and intervention activities. The Project deliverables are:

- Develop use cases that guide the development of standards to support SDOH data capture and exchange;
- Identify common data elements and their associated value sets to support the use cases;
- Develop a consensus-based set of recommendations on how best to capture and group these data elements for interoperable electronic exchange and aggregation;
- Collaborate with coding and terminology organizations to address coding gaps identified and apply for new codes;
- Develop, test, and ballot HL7 FHIR Implementation Guide(s) based on the defined use cases and coded data sets; and
- Develop Reference Implementation(s) to support real-world pilots and implementations.

Project objectives will be accomplished through bi-weekly virtual meetings and collaborative project product development through the HL7 project confluence page.

**Project Timeline (Updated 2021.08.20)**
## Upcoming Gravity Project Meeting

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Topic</th>
<th>Webinar Information</th>
<th>Homework Documents and Links</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 Oct 2021</td>
<td>4:00-5:30pm</td>
<td>Demographics- Educational Attainment and Employment Status: Goals and</td>
<td>Please log on before dialing in and enter the provided participant ID. URL:</td>
<td>Review: Social Connection, Elder Abuse &amp; Demographics Programs and Professions Submit: IPV &amp; Stress Programs and Professions</td>
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<td></td>
<td>ET / 1:00-2:30pm PT</td>
<td>Interventions Consensus Vote, Elder Abuse &amp; Veteran Status: Goals and Interventions End to End review</td>
<td><a href="https://emiadvisors.webex.com/emiadvisors/j.php?MTID=m9ec3c58b6940b23e068ac88e8a46c4ca">https://emiadvisors.webex.com/emiadvisors/j.php?MTID=m9ec3c58b6940b23e068ac88e8a46c4ca</a></td>
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<tr>
<td></td>
<td></td>
<td>IPV &amp; Stress: Goals and Interventions Concepts</td>
<td>Dial-In: (415)655-0003 Meeting ID: 738 112 808 Password (for app users): gravity</td>
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**CLICK HERE FOR A FULL MEETING SCHEDULE**

Click here for project documentation and deliverables.

## Join the Gravity Project!

The success of the Gravity Project depends on the contribution of volunteers who are eager to make rapid progress on the standardization of social determinants of health data. We need experts to contribute to and validate definitions for SDH related data elements and value sets. Participants are asked to **join the project** at any time either as a **Committed Member** or **Other Interested Party** as part of the HL7 Consensus Process. To join the project, sign up here.

- To check your project membership status, [click here](#). If you wish to change your membership from Other Interested Party to Committed Member, please send an email request to GravityProject@emiadvisors.net.
- **NOTE:** Both member types can submit comments on project documentation. However, **only Committed Members may vote on final documentation.** If you would like to have voting rights, please change your membership status or join the project as a Committed Member.

## Project Contacts

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<thead>
<tr>
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