The Gravity Project

Consensus-driven standards on social determinants of health

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Project Information

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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
The Technical Team and HL7 Patient Care Workgroup meet Wednesdays from 3 to 4 pm ET.

Agenda and meeting materials available here.

HL7 Calendar Information available here: http://www.hl7.org/concalls/CallDetails.cfm?concall=58167
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.

HL7® FHIR Connectathon, Jan 10th - 12th 2022

The Gravity Project will be participating in the HL7 FHIR Connectathon. Learn more about Gravity’s track here.

Gravity Project Value Sets Educational Session

Following the publication of our first value sets in the National Library of Medicine (NLM) Value Set Authority Center (VSAC), the Gravity Project Team hosted an educational session to delve deeper into the topic of value sets. View the meeting recording here.

• Value sets can be searched by steward, The Gravity Project. View them here.

Gravity Project ICD-10-CM Submission, Dec 2021

On December 3, 2021, the Gravity Project submitted its multi-domain ICD-10-CM submission representing the 2021 year of collective labor. Download the initial submission 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.

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.

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 2021.10.28)
Gravity Overview: 2021 Roadmap

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>
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<tr>
<td>06 Jan 2022</td>
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<td>BREAK- MEETING CANCELED</td>
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<td>20 Jan 2022</td>
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<td>03 Feb 2022</td>
<td>4:00-5:30pm ET / 1:00-2:30pm PT</td>
<td>Health Literacy, Underinsurance, Medical Cost Burden Kickoff</td>
<td>Please log on before dialing in and enter the provided participant ID.</td>
<td>Submit: Health Literacy, Underinsurance &amp; Medical Cost Burden Concepts</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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</tr>
</thead>
<tbody>
<tr>
<td>Evelyn Gallego</td>
<td>Program Manager</td>
<td>EMI Advisors, LLC</td>
<td><a href="mailto:evelyn.gallego@emiadvisors.net">evelyn.gallego@emiadvisors.net</a></td>
</tr>
<tr>
<td>Sarah DeSilvey</td>
<td>Clinical Informatics Director</td>
<td>UVM</td>
<td><a href="mailto:sarah.desilvey@med.uvm.edu">sarah.desilvey@med.uvm.edu</a></td>
</tr>
<tr>
<td>Daniel Vreeman</td>
<td>Technical Director</td>
<td>RTI</td>
<td><a href="mailto:dvreeman@rti.org">dvreeman@rti.org</a></td>
</tr>
<tr>
<td>Mark Savage</td>
<td>SDOH Policy Lead</td>
<td>Gravity Project</td>
<td><a href="mailto:MarkSavage.eHealth@pacbell.net">MarkSavage.eHealth@pacbell.net</a></td>
</tr>
<tr>
<td>Bob Dieterle</td>
<td>Senior Advisor</td>
<td>Enable Care LLC</td>
<td><a href="mailto:rdieterle@enablecare.us">rdieterle@enablecare.us</a></td>
</tr>
<tr>
<td>Lenel James</td>
<td>Payer Advisor</td>
<td>BCBSA</td>
<td><a href="mailto:Lenel.James@bcbsa.com">Lenel.James@bcbsa.com</a></td>
</tr>
<tr>
<td>Rose Serjack</td>
<td>Technical Project Manager</td>
<td>Gevity Consulting Inc.</td>
<td><a href="mailto:rose.serjak@ca.gevityinc.com">rose.serjak@ca.gevityinc.com</a></td>
</tr>
<tr>
<td>Gabriela Gonzalez</td>
<td>Health Equity Manager</td>
<td>EMI Advisors, LLC</td>
<td><a href="mailto:gabriela.gonzalez@emialladsors.net">gabriela.gonzalez@emialladsors.net</a></td>
</tr>
<tr>
<td>Greg Bloom</td>
<td>Solutions Architect</td>
<td>Open Referral</td>
<td><a href="mailto:bloom@openreferral.org">bloom@openreferral.org</a></td>
</tr>
<tr>
<td>Asha Immanuelle</td>
<td>Population Health Expert and Community Liaison</td>
<td>Independent Consultant</td>
<td><a href="mailto:asha.immanuelle@gmail.com">asha.immanuelle@gmail.com</a></td>
</tr>
<tr>
<td>Linda Hyde</td>
<td>Terminology Expert</td>
<td>EMI Advisors, LLC</td>
<td><a href="mailto:linda.hyd@gmail.com">linda.hyd@gmail.com</a></td>
</tr>
<tr>
<td>Katiya Shell</td>
<td>Terminology Consultant</td>
<td>EMI Advisors, LLC</td>
<td><a href="mailto:katiya.shelli@emialladsors.net">katiya.shelli@emialladsors.net</a></td>
</tr>
<tr>
<td>Sara Behal</td>
<td>Project Analyst</td>
<td>EMI Advisors, LLC</td>
<td><a href="mailto:sara.behal@emialladsors.net">sara.behal@emialladsors.net</a></td>
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