The Gravity Project

Consensus-driven standards on social determinants of health

Click on the images below to be redirected to your page of interest!

Project Information

Quick Links

Why the Name "Gravity"
- Gravity Project Website
- Data Element submission instructions
- Gravity Project & Related Events
- Join the Gravity Project
- Gravity Project Meeting Schedule
- Gravity Use Case Package
- Gravity Project Charter
- Past Meeting Presentations and Recordings
- Educational and Instructional Materials
- Glossary
- Relevant Work
- Gravity Project Media and Publications
- SIREN Website
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: http://www.hl7.org/concalls/CallDetails.cfm?concall=54502

HL7 SDOH CC FHIR IG Public Meeting Wednesday, July 28th

- 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=54502
Gravity Project Community Meeting Cancelled Thursday, July 22nd & August 5th

The Gravity Project Community Meeting is cancelled Thursday, July 22nd & Aug 5th as we pause to work on education and dissemination.

CMS HL7® FHIR Connectathon

The Gravity Project participated in the CMS HL7 FHIR Connectathon from July 20th-22nd. Learn more and view Gravity track recordings here. Thank you to all who attended!

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.

NEW 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.

HIMSS21 Gravity Project Education Sessions August 12th & 13th, 2021

The HIMSS Global Conference and Exhibition is a digital and in-person health technology event where professionals throughout the global health ecosystem connect for education, innovation, and collaboration. Join the Gravity Project as we conduct two educational sessions:
- Gravity Project: FHIR APIs to Accelerate SDOH Data Exchange, August 12th. Learn more here.
- Language for SDOH Data: Lessons from the Gravity Project, August 13th. Learn more here.

NEW Congressional SDOH Caucus

The Congressional SDOH Caucus seeks to highlight opportunities for coordination across federal investments in health, public health, food, housing, transportation, and other important drivers. The Caucus will discuss bipartisan legislation efforts to address social determinant challenges across multiple committees of jurisdiction. A call for comments is now open to collect feedback on challenges and opportunities related to SDOH. Submissions are due September 21st. Learn more 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. A collective thank you to all who have assisted this effort! The last year has demonstrated significant increases in both food and housing insecurity related to the pandemic and its economic sequela. The arrival of these critical concepts into health terminology could not be timelier. View a detailed list of codes 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 2021.07.28)

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>
</tr>
</thead>
<tbody>
<tr>
<td>05 Aug 2021</td>
<td>BREAK - Meeting Cancelled</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19 Aug 2021</td>
<td>4:00-5:30pm ET / 1:00-2:30pm PT</td>
<td>TBD</td>
<td>Please log on before dialing in and enter the provided participant ID.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>URL: <a href="https://emiadvisors.webex.com/emiadvisors/j.php?MTID=m9ec3c58b6940b23e068ac88e8a46c4ca">https://emiadvisors.webex.com/emiadvisors/j.php?MTID=m9ec3c58b6940b23e068ac88e8a46c4ca</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dial-In: (415)655-0003</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Meeting ID: 738 112 808</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Password (for app users): gravity</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Organization</th>
<th>Email</th>
</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>Carrie Lousberg</td>
<td>Project Manager</td>
<td>EMI Advisors, LLC</td>
<td><a href="mailto:carrie.lousberg@emiadvisors.net">carrie.lousberg@emiadvisors.net</a></td>
</tr>
<tr>
<td>Sara Behal</td>
<td>Project Analyst</td>
<td>EMI Advisors, LLC</td>
<td><a href="mailto:sara.behal@emiadvisors.net">sara.behal@emiadvisors.net</a></td>
</tr>
<tr>
<td>Linda Hyde</td>
<td>Terminology Expert</td>
<td>EMI Advisors, LLC</td>
<td><a href="mailto:linda.hyde@emiadvisors.net">linda.hyde@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>Bob Dieterle</td>
<td>Technical Director</td>
<td>Enable Care LLC</td>
<td><a href="mailto:rdieterle@enablecare.us">rdieterle@enablecare.us</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>Rose Serjak</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>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>Greg Bloom</td>
<td>Solutions Architect</td>
<td>Open Referral</td>
<td><a href="mailto:bloom@openreferral.org">bloom@openreferral.org</a></td>
</tr>
</tbody>
</table>

### Comments