**CDC Health Information Innovation Consortium (CHIIC)**

**August Forum Meeting Notes**

**Chamblee Building 106, Room 1A**

**November 10, 2015, 2:00-3:00PM**

**Meeting Agenda**

1) Introduction – Brian Lee – 10 minutes

2) NARMS Now: Human Data – Julian Grass and Byron Douglas – 20 minutes

The community at large has expressed a desire to view and access data at an isolate-level and the National Antimicrobial Resistance Monitoring System (NARMS) team developed and deployed tools that will allow stakeholders and the public access to isolate-level susceptibility results. The tools will include a geographic and temporal data visualization dashboard and download capabilities for data retrieval on an isolate-level. Real time construction of interactive web graphics (from live data instead of manually constructed tables) is also planned.

3) Brian Lee, Chief Public Health Informatics Officer, Office of Public Health Scientific Services will discuss the 2016 CDC Surveillance Strategy Innovation Project Awards process for submissions – 20 minutes

4) Discussion & Suggestions – 10 minutes

**Attendees**

The meeting was well attended – one hundred and nine people attended in person or via webinar. Attendance included people from various CDC CIO’s, guests, and two public health departments: NCCDPHP, NCEZID, NIOSH, NCHHSTP, OCOO, OPHSS, OID, OSTLTS, NCIRD, CSELS, CGH, NCBDDD, DSHEFS, NCEH, OCIO, NCHS, DHQP, CACI, Utah Department of Health, and Oregon Health Authority. Other participants attended the Adobe Connect session, but only their name was captured and not their location or organization.

**Introduction – Brian Lee**

Two presentations were the focus during the November 10, 2015 CDC Health Information Innovation Consortium (CHIIC) Forum. The first presentation, NARMS Now: Human Data was presented by Julian Grass and Byron Douglas in the National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) at CDC. The completed NARMS Now project was funded by the CDC Surveillance Strategy as part of the 2014 CDC Surveillance Strategy Innovation Project Portfolio. During the second presentation Brian Lee shared information on the 2016 CDC Surveillance Strategy Innovation Project Awards process and timeline for submitting proposals, and described how projects will be evaluated for award.

**Presentation - NARMS Now: Human Data – Julian Grass and Byron Douglas**

Julian presented information about their completed CHIIC-funded project. Julian shared an overview of NARMS, the worldwide impact of antibiotic resistance, background information about NARMS Now: Human Data, the results of the project, potential enhancement areas, opportunities for reuse in public health, and lessons learned. Byron conducted a live demonstration of the NARMS Now web site, <http://wwwn.cdc.gov/narmsnow/>.

**Presentation - 2016 CDC Surveillance Strategy Innovation Project Awards – Brian Lee**

Lee shared detailed information on the 2016 funding opportunities for innovative project ideas, shared the process and timeline for submitting proposals, what the priority areas are, and described how projects will be evaluated for award.

**Presentation Q&A**

**How will you incorporate some of the feedback from users of the site in future interactions and updates to the web site?**

[Julian] Yes, it’s very important for us to receive feedback from users in order to make the site more useful. We are planning to have future developments made to the site.

**Can you share what you were able to do with CHIIC funding that you weren’t able to do with program funds?**

[Julian] The CHIIC funds helped make the project happen. We hired IT developers that we worked closely with; essentially, the funds allowed us to have an IT developer that was solely focused on this project.

**Have you considered having the data available for download on data.cdc.gov; this would expose your data to a variety of audiences?**

[Julian] Currently, we only have it available on our site, but we’re sending the data to our NARMS partners and they are hosting download capability on their web sites. But that’s a great idea, I’ll pitch that idea to our branch.

**What tool was used to display the dashboard view?**

[Byron] We used the CDC internal template, which is designed for static applications, so we had to modify it but used it as the initial framework; the newer one which supported the responsive design. We also used some jQuery components, the map was jVectorMap, and the plot was jqPlot. The technology behind it was asp.net.

**If someone wanted to see that extensive to the responsive design template, do they email Julian or Byron?**

We haven’t thought about that yet, but anyone can email us and we’d be open to sharing information; Julian hij3@cdc.gov, Byron vig3@cdc.gov.

**[Comment] Chesley Richards asked for feedback on how CHIIC awards should be distributed. In the past they’ve had $250k to distribute and chosen to provide $50k funding for projects. He proposed giving smaller dollar amount awards, which would allow it to fund more projects. Please send your thoughts to** **balee@cdc.gov****.**

A participant in the audience suggested having multiple tiered higher risk projects as well as less risky projects.

**Items of interest**

* Govathon: A City of Atlanta Civic Hackathon 11/14-15 @Atlanta Workforce Development Agency [[link]](http://govathon.com/)
* A Vision For ePublic Health & Informatics – NACHHO seminar on the CDC’s informatics vision of the future from 1995 [[link]](https://ephinformatics.wordpress.com/2012/09/06/public-health-informatics-then-and-now/)
* SciComp Training – Git, Cluster Computing, Linux – Various dates @Roybal [[link]](http://info.biotech.cdc.gov/?page_id=236)
* JohnsHopkins / Coursera Training – Data Science Specialization – 9 Online Courses started on November 2 [[link]](https://www.coursera.org/specialization/jhudatascience/1)