

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science

#CitSciELSI Tweets

January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/14/2015 19:11:50	@DrLANthony	Lisa Anthony	RT @AndreaWiggins: Legally academics at public universities can be considered public officials & don't own data, which is apparently public...
1/14/2015 19:11:07	@AndreaWiggins	Andrea Wiggins	RT @annebowser: Julia Brody: you can't just put data up on the web- you need a curator, you need to make it useful. #CitSciELSI
1/14/2015 19:10:53	@AndreaWiggins	Andrea Wiggins	#CitSciELSI repeating theme: need to offer data access, infrastructure, & support for participants. Issue of justice, beneficence, respect.
1/14/2015 19:09:55	@annebowser	Anne Bowser	Julia Brody: you can't just put data up on the web- you need a curator, you need to make it useful. #CitSciELSI
1/14/2015 19:09:17	@AndreaWiggins	Andrea Wiggins	#CitSciELSI tap "universal cognitive capacities" to communicate results more easily (visually) and don't rely on stuff learned in HS.
1/14/2015 19:08:02	@AndreaWiggins	Andrea Wiggins	#CitSciELSI challenges in communicating results: avoid temptation to reassure; addressing policy changes; issues w/ resources, timing.
1/14/2015 19:07:08	@AndreaWiggins	Andrea Wiggins	#CitSciELSI ethics after the study: sharing results with participants & communities is very important (not doing it may violate trust).
1/14/2015 19:05:09	@AndreaWiggins	Andrea Wiggins	#CitSciELSI Silent Spring community-driven research benefitted from starting w/o hypotheses b/c to be more responsive to local needs.
1/14/2015 19:02:04	@CCPH2010	CCPH	Nothing about us, without us: new credo for community-engaged #research http://t.co/MVEiGec525 @engagedethics @UA_magazine #CitSciELSI #CBPR
1/14/2015 19:01:59	@vvchung	Vivia Chung	RT @AndreaWiggins: #CitSciELSI Julia Brody of Silent Spring Institute - "citizen-owned science" focused on environmental factors influencin...
1/14/2015 19:00:44	@AndreaWiggins	Andrea Wiggins	#CitSciELSI Julia Brody of Silent Spring Institute - "citizen-owned science" focused on environmental factors influencing women's health.
1/14/2015 19:00:10	@CCPH2010	CCPH	Should be in the very definition... MT @engagedethics: "Not about us without us" should be a foundational principle of #CitSciELSI #CBPR
1/14/2015 19:00:00	@researchmatters	Sarah Greene	#CitSciELSI .@sharonferry "let's move away from us/them delineation btwn #citizen scientists and 'real' scientists." (Heads nod vigorously)
1/14/2015 18:48:07	@vvchung	Vivia Chung	RT @NCIPhySci: Dave & Charlisse open day 2 of #CitSciELSI with a recap of day 1 and a venn diagram of the mtg focus http://t.co/oukfcHePkN
1/14/2015 18:47:19	@NCIPhySci	NCI PhysicalSciences	Dave & Charlisse open day 2 of #CitSciELSI with a recap of day 1 and a venn diagram of the mtg focus http://t.co/oukfcHePkN
1/14/2015 18:46:38	@AndreaWiggins	Andrea Wiggins	RT @CES4Health: We peer-review & publish products of citizen science! View our collection & submit your work! http://t.co/nHfbo0yKvr #CitSci...
1/14/2015 18:09:43	@STIPCommonsLab	Commons Lab	RT @engagedethics: Long held lessons from advocacy communities: "Not about us without us." This should be a foundational principle of #CitS...
1/14/2015 18:09:00	@STIPCommonsLab	Commons Lab	RT @researchmatters: Wonder if there is or will soon be a false dichotomy between science & citizen science where biomedical #research is c...
1/14/2015 17:15:33	@lbercivis	Fundación Ibercivis	RT @AndreaWiggins: new paper w/ #CitizenScience survey that Pietro highlighted for #CitSciELSI: http://t.co/NE5jzkDAMD
1/14/2015 14:43:53	@cathcoste	CATHERINE COSTE	RT @genome_gov: NHGRI Webcast: 1/13-14 Workshop on the Ethical, Legal and Social Implications of Citizen Science http://t.co/FTD7RkZ17g #Ci...
1/14/2015 14:09:04	@bentoth	Ben Toth	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dIGOznj0 #CitSciELS...
1/14/2015 11:25:03	@p_phronesis	Pasco Phronesis	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dIGOznj0 #CitSciELS...

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science #CitSciELSI Tweets January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/14/2015 7:31:11	@GeodataPolicy	Lea Shanley	RT @researchmatters: .@Sagebio thank you for making your pioneering informed consent tools #opensource #CitSciELSI
1/14/2015 7:26:27	@scicheer	Darlene Cavalier	RT @CitSciAssoc: Re-imagining #CitizenScience: Knowledge for #equality? New #citsci2015 blog post! http://t.co/SwJEPrTdpI #citsci #diversit...
1/14/2015 6:10:33	@BrianMBot	Brian M Bot	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 5:55:14	@CCPH2010	CCPH	MT "@wilbanks: Toolkit for e-consent: http://t.co/Rgy0Vu479g still working on methods and explanatory docs" #CitSciELSI #participantcentered
1/14/2015 4:51:17	@CES4Health	CES4Health	We peer-review & publish products of citizen science! View our collection & submit your work! http://t.co/nHfbo0yKvr #CitSciELSI #CBPR #NIH
1/14/2015 4:49:19	@CCPH2010	CCPH	CCPH board member Sacoby Wilson @CEEJH1 & study investigator @engagedethics are #CitSciELSI speakers http://t.co/pICqZklbXS #researchethics
1/14/2015 4:12:40	@DrHolly	Holly Menninger	RT @CoopSciScoop: Thanks @NIH for webcasting #CitSciELSI - ethical, legal, social implications of #CitizenScience & tomorrow too! http://t.co/r96KwsAKMj
1/14/2015 4:11:12	@CoopSciScoop	Caren Cooper	Thanks @NIH for webcasting #CitSciELSI - ethical, legal, social implications of #CitizenScience & tomorrow too! http://t.co/r96KwsAKMj
1/14/2015 4:03:07	@SciStarter	SciStarter	RT @GeodataPolicy: Follow #CitSciELSI today - ethical, legal, social implications of #CitizenScience at @NIH Watch live http://t.co/DIRmYap...
1/14/2015 4:01:59	@SciStarter	SciStarter	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 4:01:58	@SciStarter	SciStarter	RT @CoopSciScoop: #CitSciELSI Do #citizenscience participants have right to entire data set +/- or their individual data? pros & cons w/ heal...
1/14/2015 3:59:11	@CoopSciScoop	Caren Cooper	RT @researchmatters: Wonder if there is or will soon be a false dichotomy between science & citizen science where biomedical #research is c...
1/14/2015 3:56:55	@vvchung	Vivia Chung	RT @AndreaWiggins: #CitSciELSI it's not just a Millennial culture of openness, but also an American culture. They're not so open with data ...
1/14/2015 3:56:42	@researchmatters	Sarah Greene	Wonder if there is or will soon be a false dichotomy between science & citizen science where biomedical #research is concerned #CitSciELSI
1/14/2015 3:54:58	@AndreaWiggins	Andrea Wiggins	#CitSciELSI need a typology of cit sci? We've got plenty—but most of them don't specifically consider biomedical contexts.
1/14/2015 3:50:43	@AndreaWiggins	Andrea Wiggins	#CitSciELSI it's not just a Millennial culture of openness, but also an American culture. They're not so open with data everywhere.
1/14/2015 3:50:09	@CoopSciScoop	Caren Cooper	#CitSciELSI medical/health/community practitioners needto know that sharing entire data & visualizing it is best practice #citizenscience
1/14/2015 3:47:40	@HSauermann	Henry Sauermann	RT @kejamess: Today & tomorrow: NIH workshop on ethical, legal, & social implications of #citizenscience (live-stream!) http://t.co/NGkhjEmR...
1/14/2015 3:47:18	@HSauermann	Henry Sauermann	RT @AndreaWiggins: lots of new people to meet at Ethical, Legal, Social Implications of #CitizenScience workshop at @NIH — very exciting! #...
1/14/2015 3:46:03	@AndreaWiggins	Andrea Wiggins	#CitSciELSI "data sovereignty" is important in communities that have suffered from external parties collecting data about/from them.
1/14/2015 3:40:10	@Paleo_Bonegirl	K. Lindsay Hunter	RT @AndreaWiggins: #CitSciELSI "Why is this specific to #CitizenScience?" Yes, we should always be asking this question when we discuss pro...
1/14/2015 3:38:08	@CoopSciScoop	Caren Cooper	RT @AndreaWiggins: #CitSciELSI "Why is this specific to #CitizenScience?" Yes, we should always be asking this question when we discuss pro...

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1/14/2015 3:34:57	@CharleneJennett	Charlene Jennett	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 3:33:29	@AndreaWiggins	Andrea Wiggins	#CitSciELSI "Why is this specific to #CitizenScience?" Yes, we should always be asking this question when we discuss project design.
1/14/2015 3:29:41	@CoopSciScoop	Caren Cooper	#CitSciELSI Wing finds #citizenscience community members don't usually want co-authorship or data. They care about quality of life.
1/14/2015 3:26:07	@CoopSciScoop	Caren Cooper	RT @AndreaWiggins: #CitSciELSI now we're talking data ownership/access—consent protects institutions more than participants—keep calm and w...
1/14/2015 3:25:51	@CoopSciScoop	Caren Cooper	#CitSciELSI Who owns data in #citizenscience? Wing's data is owned by his employer via statute that does not protect research participants.
1/14/2015 3:25:03	@AndreaWiggins	Andrea Wiggins	#CitSciELSI now we're talking data ownership/access—consent protects institutions more than participants—keep calm and what?!?
1/14/2015 3:23:54	@wilbanks	John Wilbanks	RT @engagedethics: Show of hands: 6 of 40 participants in #CitSciELSI workshop are currently enrolled in a health research study. Wow. If n...
1/14/2015 3:23:06	@CoopSciScoop	Caren Cooper	#CitSciELSI - imagine world where everyone is involved in 10 health studies, multipurposing their data to cure disease. #citizenscience
1/14/2015 3:22:57	@AndreaWiggins	Andrea Wiggins	#CitSciELSI access to data is a huge power issue. Most people don't really have useful access to their own health data at all.
1/14/2015 3:22:26	@engagedethics	Kelly Edwards	Show of hands: 6 of 40 participants in #CitSciELSI workshop are currently enrolled in a health research study. Wow. If not us, who?
1/14/2015 3:20:34	@CoopSciScoop	Caren Cooper	#CitSciELSI model - participants can use their data +/- donate it to science that they want to see being pursued cc @SciStarter @willbanks
1/14/2015 3:17:46	@PBudBurst	Project BudBurst	RT @CitSciAssoc: Re-imagining #CitizenScience: Knowledge for #equality? New #citsci2015 blog post! http://t.co/SwJEPrTdpl #citsci #diversit...
1/14/2015 3:17:33	@CoopSciScoop	Caren Cooper	RT @EricMoorBrown: @engagedethics It's easy to understand why some institutional researchers are uneasy about ceding power. #CitSciELSI
1/14/2015 3:16:09	@CoopSciScoop	Caren Cooper	#CitSciELSI Do #citizenscience participants have right to entire data set +/- their individual data? pros & cons w/ health data
1/14/2015 3:11:57	@scopedbylarry	Larry Lynam	RT @kejames: Today & tomorrow: NIH workshop on ethical, legal, & social implications of #citizenscience (live-stream!) http://t.co/NGkhjEmR...
1/14/2015 3:08:35	@AndreaWiggins	Andrea Wiggins	#CitSciELSI Many data sharing arrangements possible: my data, your data, our data, some data, all data, etc. Not just interpretation, data
1/14/2015 3:07:57	@EricMoorBrown	Eric Brown	@engagedethics It's easy to understand why some institutional researchers are uneasy about ceding power. #CitSciELSI
1/14/2015 3:05:34	@AndreaWiggins	Andrea Wiggins	#CitSciELSI risk is heterogeneous; people's willingness to take on risks is likewise heterogeneous. Like everything else in #CitizenScience.
1/14/2015 3:00:50	@AndreaWiggins	Andrea Wiggins	#CitSciELSI Wow. Wing's group sent data to community group for safekeeping because university was forcing inappropriate disclosure.
1/14/2015 2:59:48	@CoopSciScoop	Caren Cooper	#CitSciELSI I think Ho-driven or not is red herring in #citizenscience which is full of monitoring examples. Focus on who sets agenda
1/14/2015 2:56:02	@engagedethics	Kelly Edwards	Quote from DAO doing #CitizenScience: If we put billions into gene sequencing, how about investing in what it means for people? #CitSciELSI
1/14/2015 2:54:30	@engagedethics	Kelly Edwards	Democratizing science means opening to diverse perspectives and ways of working. Are we ready? @EricMoorBrown #CitSciELSI #civicscience

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1/14/2015 2:52:57	@CUSAatUCI	CUSA	RT @AndreaWiggins: #CitSciELSI some maverick researchers turning to #CitizenScience as a strategy to subvert scientific institutions. Inter...
1/14/2015 2:52:24	@CUSAatUCI	CUSA	RT @CitSciAssoc: Re-imagining #CitizenScience: Knowledge for #equality? New #citsci2015 blog post! http://t.co/SwJEPrTdpl #citsci #diversit...
1/14/2015 2:48:51	@CoopSciScoop	Caren Cooper	RT @CitSciAssoc: Re-imagining #CitizenScience: Knowledge for #equality? New #citsci2015 blog post! http://t.co/SwJEPrTdpl #citsci #diversit...
1/14/2015 2:48:29	@CoopSciScoop	Caren Cooper	RT @AndreaWiggins: #CitSciELSI some maverick researchers turning to #CitizenScience as a strategy to subvert scientific institutions. Inter...
1/14/2015 2:48:16	@CoopSciScoop	Caren Cooper	#CitSciELSI Fishman is talking about scientists outside of the academy that organize in DIY community
1/14/2015 2:47:17	@CitSciAssoc	CitSciAssoc	Re-imagining #CitizenScience: Knowledge for #equality? New #citsci2015 blog post! http://t.co/SwJEPrTdpl #citsci #diversity #CitSciELSI
1/14/2015 2:47:16	@DIYTotally	DIY Totally	RT @CoopSciScoop #CitSciELSI Fishman calls dark side of #citizenscience are #DIY communities that want to deinstitutionalize genomics...
1/14/2015 2:47:06	@AndreaWiggins	Andrea Wiggins	#CitSciELSI some maverick researchers turning to #CitizenScience as a strategy to subvert scientific institutions. Interesting mix of goals.
1/14/2015 2:46:34	@CoopSciScoop	Caren Cooper	#CitSciELSI Fishman calls dark side of #citizenscience are #DIY communities that want to deinstitutionalize genomics research
1/14/2015 2:43:37	@RunningCardinal	Liam O'Fallon	RT @engagedethics: Long held lessons from advocacy communities: "Not about us without us." This should be a foundational principle of #CitS...
1/14/2015 2:40:36	@AndreaWiggins	Andrea Wiggins	Legally academics at public universities can be considered public officials & don't own data, which is apparently public record. #CitSciELSI
1/14/2015 2:37:59	@iConquerMS	iConquerMS	RT @engagedethics: Long held lessons from advocacy communities: "Not about us without us." This should be a foundational principle of #CitS...
1/14/2015 2:37:06	@CoopSciScoop	Caren Cooper	#CitSciELSI Wing talks abt his collaboration w/ communities of color affected by industrial hog farms http://t.co/yn0ZGzrd8b (my blog post)
1/14/2015 2:35:05	@CoopSciScoop	Caren Cooper	#citsciELSI Steve Wing: most science is done & funded by govt, academics, industry, etc, so it serves those constituents, not public #citsci
1/14/2015 2:30:44	@wilbanks	John Wilbanks	RT @engagedethics: Long held lessons from advocacy communities: "Not about us without us." This should be a foundational principle of #CitS...
1/14/2015 2:30:35	@engagedethics	Kelly Edwards	Long held lessons from advocacy communities: "Not about us without us." This should be a foundational principle of #CitSciELSI.
1/14/2015 2:28:50	@engagedethics	Kelly Edwards	@jasonbobe #CitSciELSI: We must take Equal Access seriously if citizen science will work. Reciprocity is powerful. We can demand more.
1/14/2015 2:28:05	@AndreaWiggins	Andrea Wiggins	#CitSciELSI equal access for data: participants and scientists sharing data on equal footing. Very interesting corollaries.
1/14/2015 2:22:34	@AndreaWiggins	Andrea Wiggins	#CitSciELSI personal genome sequencing: fascinating, paranoia-inducing, and coming to a community near you. My mind is bogged.
1/14/2015 2:22:22	@nick_r_anderson	Nick Anderson	@EricMoorBrown @engagedethics All participants will have transparently voted on, contributed to all projects, not just their own #citSciELSI
1/14/2015 2:17:42	@KristinClift	Kristin Clift	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 2:06:29	@mhaklay	Muki Haklay	RT @AndreaWiggins: #CitSciELSI Working with the public makes researchers vulnerable to both their peers and their participants. It's not fo...

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1/14/2015 2:05:46	@SwissGator	Michael Dillhyon	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 1:56:38	@SAHLF14	Healthcare Forum	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 1:50:22	@GHideas	Aman Bhandari	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 1:38:14	@JosephTomaras	Joseph Tomaras	RT @kejames: Today & tomorrow: NIH workshop on ethical, legal, & social implications of #citizenscience (live-stream!) http://t.co/NGkhjEmR...
1/14/2015 1:35:29	@ScientificChick	Scientific Chick	RT @kejames: Today & tomorrow: NIH workshop on ethical, legal, & social implications of #citizenscience (live-stream!) http://t.co/NGkhjEmR...
1/14/2015 1:35:04	@DrJudyStone	Judy Stone	RT @kejames: Today & tomorrow: NIH workshop on ethical, legal, & social implications of #citizenscience (live-stream!) http://t.co/NGkhjEmR...
1/14/2015 1:34:33	@scienceknitster	R. Deborah Overath	RT @kejames: Today & tomorrow: NIH workshop on ethical, legal, & social implications of #citizenscience (live-stream!) http://t.co/NGkhjEmR...
1/14/2015 1:34:20	@jenngustetic	Jenn Gustetic	RT @engagedethics: @wilbanks #CitSciELSI: Data Use should require a YouTube oath from data user that they will not be a jerk. But harms loo...
1/14/2015 1:33:50	@AndreaWiggins	Andrea Wiggins	RT @jenngustetic: High burden on citizen scientists to consent to data they contribute. What about a burden of consent on ppl that USE the ...
1/14/2015 1:33:48	@jenngustetic	Jenn Gustetic	RT @researchmatters: #CitSciELSI Deborah Collyar great point "subject" as noun or verb depends on whether u r #researcher or #participant ...
1/14/2015 1:32:42	@engagedethics	Kelly Edwards	@wilbanks #CitSciELSI: Data Use should require a YouTube oath from data user that they will not be a jerk. But harms look different to some.
1/14/2015 1:32:37	@jenngustetic	Jenn Gustetic	High burden on citizen scientists to consent to data they contribute. What about a burden of consent on ppl that USE the data? #CitSciELSI
1/14/2015 1:32:05	@SFriedScientist	Andrew David Thaler	RT @kejames: Today & tomorrow: NIH workshop on ethical, legal, & social implications of #citizenscience (live-stream!) http://t.co/NGkhjEmR...
1/14/2015 1:31:19	@kejames	Karen James	Today & tomorrow: NIH workshop on ethical, legal, & social implications of #citizenscience (live-stream!) http://t.co/NGkhjEmR8C #CitSciELSI
1/14/2015 1:30:40	@AndreaWiggins	Andrea Wiggins	"We could require a Hippocratic oath for data and that would change things very quickly"— @wilbanks just gave me goosebumps! #CitSciELSI
1/14/2015 1:26:39	@CharleneJennett	Charlene Jennett	RT @AndreaWiggins: When is #CitizenScience participant a data subject for IRB review? Info about participants can be valuable ancillary dat...
1/14/2015 1:26:15	@AndreaWiggins	Andrea Wiggins	#CitSciELSI Working with the public makes researchers vulnerable to both their peers and their participants. It's not for everybody.
1/14/2015 1:26:05	@engagedethics	Kelly Edwards	@EricMoorBrown #CitSciELSI: What will change with #CitSci? Traditional scientists will need to show vulnerabilities, share power, be open.
1/14/2015 1:15:28	@AndreaWiggins	Andrea Wiggins	#CitSciELSI IMO all projects should do ethics review. But requiring it is nearly as problematic as everyone thinking they're exempt.
1/14/2015 1:11:04	@CoopSciScoop	Caren Cooper	#CitSciELSI Julia Brody asks abt access to IRB-granting organization, a big expense for NGO, #citizenscience
1/14/2015 1:09:42	@AndreaWiggins	Andrea Wiggins	When is #CitizenScience participant a data subject for IRB review? Info about participants can be valuable ancillary data. #CitSciELSI
1/14/2015 1:03:25	@RunningCardinal	Liam O'Fallon	RT @CharleneJennett: "There's a reason people get involved and want to help science out. It's because they want science to help them" Debor...

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Date	Screen Name	User Name	Tweet Text
1/14/2015 1:03:03	@engagedethics	Kelly Edwards	@wilbanks @sagebio #CitSciELSI: Design elements can make a project more "citizen-y". Like bi-directional communication channels.
1/14/2015 1:00:03	@CharleneJennett	Charlene Jennett	"There's a reason people get involved and want to help science out. It's because they want science to help them" Deborah Collyar #CitSciELSI
1/14/2015 0:56:36	@CoopSciScoop	Caren Cooper	RT @engagedethics: #CitSciELSI panelists warn that #citizenscience could be just rhetoric or a checkbox. Could core principles determine au...
1/14/2015 0:56:24	@AndreaWiggins	Andrea Wiggins	#CitSciELSI If IRB is not the right mechanism for ethics review, what is? Need to develop innovative governance strategies.
1/14/2015 0:54:14	@engagedethics	Kelly Edwards	#CitSciELSI panelists warn that #citizenscience could be just rhetoric or a checkbox. Could core principles determine authentic #CitSci?
1/14/2015 0:53:22	@CoopSciScoop	Caren Cooper	RT @AndreaWiggins: so many tough IRB questions: does having a participant on research team increase odds of coercive recruitment? #CitSciEL...
1/14/2015 0:52:53	@CoopSciScoop	Caren Cooper	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 0:51:16	@drbrian	Brian Degger	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 0:49:40	@AndreaWiggins	Andrea Wiggins	@sharnay2day I think label is indicative of implicit attitude toward and actual role being assigned to contributors. #CitSciELSI
1/14/2015 0:48:19	@Sharnay2day	Sharnay2day	@AndreaWiggins agreed. "SUBject" does not equal "subJECT" #CitSciELSI
1/14/2015 0:47:49	@Mahsashabani	Mahsa Shabani	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 0:47:31	@researchmatters	Sarah Greene	#CitSciELSI Deborah Collyar great point "subject" as noun or verb depends on whether u r #researcher or #participant http://t.co/hxRD9fY4ls
1/14/2015 0:45:44	@AndreaWiggins	Andrea Wiggins	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 0:45:30	@AndreaWiggins	Andrea Wiggins	instead of "citizen scientist" some more accurate labels include volunteer, participant, contributor, collaborator, partner. #CitSciELSI
1/14/2015 0:45:13	@introspection	Guillaume Dumas	RT @wilbanks: Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciE...
1/14/2015 0:43:36	@wilbanks	John Wilbanks	Our (very) alpha toolkit for e-consent: http://t.co/QDRSturHdl - still working on methods and explanatory documents. #CitSciELSI
1/14/2015 0:39:57	@researchmatters	Sarah Greene	.@Sagebio thank you for making your pioneering informed consent tools #opensource #CitSciELSI
1/14/2015 0:39:19	@sj_liede	Sandra Liede	RT @researchmatters: #CitSciELSI a hazard of engaging citizens in biomedical #research includes fatiguing them, tapping the well too often.
1/14/2015 0:37:53	@sj_liede	Sandra Liede	Blurring the boundaries of the clinic and research, need to bring in the clinician, liability issues #CitSciELSI
1/14/2015 0:37:11	@researchmatters	Sarah Greene	#CitSciELSI a hazard of engaging citizens in biomedical #research includes fatiguing them, tapping the well too often.
1/14/2015 0:34:31	@AndreaWiggins	Andrea Wiggins	so many tough IRB questions: does having a participant on research team increase odds of coercive recruitment? #CitSciELSI
1/14/2015 0:27:20	@annebowser	Anne Bowser	John Wilbanks: consent is a process, not a static yes/no: phone vibrates to ensure p.'s understand accelerometers. WOW #citSciELSI

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science #CitSciELSI Tweets January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/14/2015 0:26:10	@AndreaWiggins	Andrea Wiggins	impressive informed consent design for low-risk health app from SAGE Bionetworks: consent as process, not one-and-done. #CitSciELSI
1/14/2015 0:20:44	@Sharnay2day	Sharnay2day	RT @AndreaWiggins: #CitSciELSI @PCORnetwork bringing up some of my favorite questions about #citizenscience data—who governs, who owns, who...
1/14/2015 0:19:13	@AndreaWiggins	Andrea Wiggins	#CitSciELSI @PCORnetwork bringing up some of my favorite questions about #citizenscience data—who governs, who owns, who are stewards?
1/14/2015 0:09:51	@EricMoorBrown	Eric Brown	@GeodataPolicy Local communities are upfront about it. Researchers should be as well. #CitSciELSI
1/14/2015 0:08:12	@NCIPhySci	NCI PhysicalSciences	...and we're back! Sara Hull kicks off session 3 #CitSciELSI http://t.co/scmXli9vVM
1/14/2015 0:06:50	@CleanAirUK	CleanAirUK	RT @GeodataPolicy: #CitSciELSI When working w/ local communities, 3 q's 4 scientists 2 answer: who are you? What r u getting out if it? Wha...
1/14/2015 0:05:21	@CoopSciScoop	Caren Cooper	MT @geodatapolicy: #CitSciELSI #citsci w/ communities, 3 q's 4 scientists 2 answer: who r u? What r u getting from it? What r u giving back?
1/14/2015 0:04:08	@CoopSciScoop	Caren Cooper	RT @GeodataPolicy: #CitSciELSI When working w/ local communities, 3 q's 4 scientists 2 answer: who are you? What r u getting out if it? Wha...
1/13/2015 23:54:33	@DrXvQ	Ximena V Qadir	RT @Babs_mph: @A_Kennedy_PhD @Pamela_Marcus @drxvq @StefanieN16 @gabelai Charlisse's #CitSciELSI is happening now & tomorrow: http://t.co/o...
1/13/2015 23:42:30	@AlessiaDAmico2	Alessia D'Amico	RT @NCIPhySci The NIH #CitSciELSI meeting is about to start! Watch here: http://t.co/qg2eB1Rvz3
1/13/2015 23:40:33	@DyrtD	David Smoot, *	RT @OccupyNIH: How can #NIH explore #CitSciELSI while eliminating @NIHDirector Council of #Public Representatives? @genome_gov @theNCI #hyp...
1/13/2015 23:17:17	@OMSiHealth	One Million Sol'ns	Community-engaged research 4 all (CENA), #PCORI @GeneticAlliance project, Nick Anderson #CitSciELSI #CitizenScience https://t.co/cpJ9jJZ99
1/13/2015 23:15:49	@sciencewiscedu	science.wisc.edu	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dlGOznj0 #CitSciELS...
1/13/2015 23:10:35	@JonMichaelWalls	John M Walls	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dlGOznj0 #CitSciELS...
1/13/2015 23:09:05	@PBudBurst	Project BudBurst	RT @AndreaWiggins: #CitSciELSI @SallyOkun advocates bringing "data science" and "design science" together for better outcomes. #colormeimpr...
1/13/2015 23:06:00	@AndreaWiggins	Andrea Wiggins	#CitSciELSI are we really democratizing anything? Depends on definition—new opportunities already, more will come as we figure out how.
1/13/2015 23:04:28	@CitSciAssoc	CitSciAssoc	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dlGOznj0 #CitSciELS...
1/13/2015 23:03:14	@naomichirps	Naomi Hirsch	RT @bawdenka: @NIH hosting a great wkshp on the ethical/legal/social issues of citizen science. You can stream it here http://t.co/3DkPm2Sp...
1/13/2015 23:03:03	@AndreaWiggins	Andrea Wiggins	RT @GeodataPolicy: #CitSciELSI When working w/ local communities, 3 q's 4 scientists 2 answer: who are you? What r u getting out if it? Wha...
1/13/2015 23:00:56	@AndreaWiggins	Andrea Wiggins	#CitSciELSI @yeampierre says tips may seem obvious, but not being put into practice. +1: my research findings often critiqued as "obvious".
1/13/2015 22:59:52	@swarcher	Stephanie Archer	RT @bawdenka: @NIH hosting a great wkshp on the ethical/legal/social issues of citizen science. You can stream it here http://t.co/3DkPm2Sp...
1/13/2015 22:57:15	@bawdenka	Kat Bawden	@NIH hosting a great wkshp on the ethical/legal/social issues of citizen science. You can stream it here http://t.co/3DkPm2SpNT #CitSciELSI

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science

#CitSciELSI Tweets

January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/13/2015 22:56:06	@GeodataPolicy	Lea Shanley	#CitSciELSI When working w/ local communities, 3 q's 4 scientists 2 answer: who are you? What r u getting out if it? What are u giving back?
1/13/2015 22:51:59	@OccupyNIH	Occupy NIH	How can #NIH explore #CitSciELSI while eliminating @NIHDirector Council of #Public Representatives? @genome_gov @theNCI #hypocrisy #research
1/13/2015 22:49:51	@AndreaWiggins	Andrea Wiggins	#CitSciELSI @SallyOkun advocates bringing "data science" and "design science" together for better outcomes. #colormeimpressed #noseriously
1/13/2015 22:49:00	@spaceyliz	Liz MacDonald	RT @AndreaWiggins: Nick Anderson: some participants stick around only out of loyalty—sustainability problem. Engagement needs to be deeper....
1/13/2015 22:44:08	@AndreaWiggins	Andrea Wiggins	most accountability models focus on finances, not ethics; need to rethink accountability when it's not about money per se. #CitSciELSI
1/13/2015 22:42:48	@CCPH2010	CCPH	MT @NCIBiospecimens Find #CitSciELSI workshop agenda here http://t.co/DAXekmvLh7 #CBPR #CTSA #CitiSci
1/13/2015 22:41:55	@ScienceInsider	ScienceInsider	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dlGOznj0 #CitSciELS...
1/13/2015 22:41:44	@AndreaWiggins	Andrea Wiggins	#CitSciELSI @SallyOkun explains @PatientsLikeMe "patients first" ethos for working w/ commercial entities: is question important to users?
1/13/2015 22:41:36	@CCPH2010	CCPH	MT @NCIEpi Today's videocast on #ethical, legal & social issues w/ involving #public in #research http://t.co/IPsiXFMpmL #CitSciELSI #CBPR
1/13/2015 22:40:13	@Sharnay2day	Sharnay2day	RT @engagedethics: @Sharnay2day: And ELSI question from @patientslikeme project: which IRB? what oversight? what obligations? And does it m...
1/13/2015 22:39:14	@AndreaWiggins	Andrea Wiggins	importance of establishing trust—tech also has growing role in perceptions of legitimacy, IMO many projects poorly presented. #CitSciELSI
1/13/2015 22:38:17	@conscicom	conscicom	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dlGOznj0 #CitSciELS...
1/13/2015 22:38:15	@mhaklay	Muki Haklay	RT @AndreaWiggins: #CitSciELSI @yeampierre once communities see benefit, they keep coming back. Again, relevant #CitizenScience addresses r...
1/13/2015 22:37:19	@engagedethics	Kelly Edwards	@Sharnay2day: And ELSI question from @patientslikeme project: which IRB? what oversight? what obligations? And does it matter? #CitSciELSI
1/13/2015 22:37:03	@DNAlawyer	Jennifer K. Wagner	I've really enjoyed #CitSciELSI discussions I've been able to catch this morning. Looking fwd to afternoon sessions! @wilbanks @jasonbobe
1/13/2015 22:36:01	@OccupyNIH	Occupy NIH	Sadly, the latter... in the US anyway, will always be relegated to the fringes of #research, not the mainstream @engagedethics #CitSciELSI
1/13/2015 22:35:13	@engagedethics	Kelly Edwards	@yeampierre: Working from justice, change comes through process. Successes occur along the way, not just ultimate outcomes. #CitSciELSI
1/13/2015 22:34:55	@CCPH2010	CCPH	MT @engagedethics #CitSciELSI Will #citizenscience transform #biomedical #research practices, or be co-opted by them? #bioethics #CBPR #CTSA
1/13/2015 22:34:25	@wilbanks	John Wilbanks	RT @AndreaWiggins: with justice framework, @yeampierre says focus on processes, not outcomes, to signal successes. Incremental progress imp...
1/13/2015 22:33:19	@AndreaWiggins	Andrea Wiggins	with justice framework, @yeampierre says focus on processes, not outcomes, to signal successes. Incremental progress important! #CitSciELSI
1/13/2015 22:33:18	@RunningCardinal	Liam O'Fallon	RT @AndreaWiggins: "community is inter-generational; no one ages out" - @yeampierre also suggests celebrating all successes, short and long...
1/13/2015 22:32:14	@openscience	Open Science	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dlGOznj0 #CitSciELS...

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science

#CitSciELSI Tweets

January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/13/2015 22:31:14	@AndreaWiggins	Andrea Wiggins	#CitSciELSI @yeampierre once communities see benefit, they keep coming back. Again, relevant #CitizenScience addresses real-world concerns.
1/13/2015 22:30:12	@TechLawSociety	TechLawSociety	RT @bermaninstitute: Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science http://t.co/F56lxW6Rjd #Ci...
1/13/2015 22:29:38	@AndreaWiggins	Andrea Wiggins	"community is inter-generational; no one ages out" - @yeampierre also suggests celebrating all successes, short and long term. #CitSciELSI
1/13/2015 22:28:14	@RunningCardinal	Liam O'Fallon	RT @AndreaWiggins: Great point from Elizabeth Yeampierre: need to talk to people in their own language, on multiple levels. #CitSciELSI
1/13/2015 22:28:12	@AndreaWiggins	Andrea Wiggins	Nick Anderson: some participants stick around only out of loyalty—sustainability problem. Engagement needs to be deeper. #CitSciELSI
1/13/2015 22:27:08	@patientslikeme	PatientsLikeMe	RT @AndreaWiggins: #CitSciELSI @SallyOkun: patient-initiated research is here to stay, "the genie is out of the bottle", but opens up a lot...
1/13/2015 22:26:47	@GeodataPolicy	Lea Shanley	RT @AndreaWiggins: new paper w/ #CitizenScience survey that Pietro highlighted for #CitSciELSI: http://t.co/NE5jzKDAMD
1/13/2015 22:26:42	@RunningCardinal	Liam O'Fallon	RT @engagedethics: #CitSciELSI @yeampierre: To engage communities historically left out of conversations, decisions: Check Privilege at the...
1/13/2015 22:26:33	@GeodataPolicy	Lea Shanley	RT @CoopSciScoop: #CitSciELSI notes that missing from presentations were "Communities" leading as technical advisers, and "livability" is b...
1/13/2015 22:26:22	@NCIPhySci	NCI PhysicalSciences	Session 2 panel on building relationships and community engagement #CitSciELSI http://t.co/9ilmfY594b
1/13/2015 22:23:02	@vvchung	Vivia Chung	RT @Sharnay2day: Patient-initiated research: researchers as collaborators & partners w/patients e.g. Patent-led lithium carbonate study in ...
1/13/2015 22:21:26	@Sharnay2day	Sharnay2day	Patient-initiated research: researchers as collaborators & partners w/patients e.g. Patent-led lithium carbonate study in Italy #CitSciELSI
1/13/2015 22:20:10	@patientslikeme	PatientsLikeMe	RT @CoopSciScoop: #CitSciELSI @engagedethics - @Patientslikeme #citizenscience is about openness and sharing rather than privacy and prote...
1/13/2015 22:20:09	@AndreaWiggins	Andrea Wiggins	#CitSciELSI @SallyOkun: patient-initiated research is here to stay, "the genie is out of the bottle", but opens up a lot of new questions.
1/13/2015 22:19:29	@EricMoorBrown	Eric Brown	@engagedethics @nick_r_anderson How will you explain to citizens when their proposed projects are not accepted? #CitSciELSI
1/13/2015 22:18:39	@AndreaWiggins	Andrea Wiggins	#CitSciELSI @PatientsLikeMe supports research by its employees, external groups, and patients, e.g., complementary study of lithium for ALS.
1/13/2015 22:18:38	@CoopSciScoop	Caren Cooper	#CitSciELSI @engagedethics - @patientslikeme has patient-initiated research 2, which flips #citizenscience, participants engage researchers.
1/13/2015 22:15:53	@CoopSciScoop	Caren Cooper	#CitSciELSI @engagedethics - @Patientslikeme #citizenscience is about openness and sharing rather than privacy and protection.
1/13/2015 22:15:10	@engagedethics	Kelly Edwards	@CENAProject is up and running. A tool to help solve some classic ELSI hurdles: http://t.co/27ZcNgwtib #CitSciELSI @PCORI @geneticalliance
1/13/2015 22:14:51	@AndreaWiggins	Andrea Wiggins	#CitSciELSI @SallyOkun talks about Patients Like Me insomnia study—insomnia has massive impact on those with chronic illness. #CitSciELSI
1/13/2015 22:12:05	@engagedethics	Kelly Edwards	@GeneticAlliance @nick_r_anderson CENA web platform allows for nuanced privacy control. Will this help build trust? Let's hope. #CitSciELSI
1/13/2015 22:08:58	@engagedethics	Kelly Edwards	@nick_r_anderson #CitSciELSI updates on @PCORI @GeneticAlliance project CENA: key is respecting DAO leaders - they know the way. #equality

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science #CitSciELSI Tweets January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/13/2015 22:07:28	@Sharnay2day	Sharnay2day	RT @engagedethics: #CitSciELSI @yeampierre: To engage communities historically left out of conversations, decisions: Check Privilege at the...
1/13/2015 22:07:26	@CoopSciScoop	Caren Cooper	#citsciELSI @yeampierre engagement is not only important to communities, it is important to scientists and agencies; we need each other
1/13/2015 22:06:19	@CoopSciScoop	Caren Cooper	#CitSciELSI @yeampierre community #citizenscience involves checking your privilege – can't show up in space in way that minimizes other
1/13/2015 22:05:19	@AndreaWiggins	Andrea Wiggins	RT @engagedethics: #CitSciELSI @yeampierre: To engage communities historically left out of conversations, decisions: Check Privilege at the...
1/13/2015 22:04:26	@CoopSciScoop	Caren Cooper	#CitSciELSI @yeampierr community #citizenscience involves checking your privilege – can't show up in space in way that minimizes other
1/13/2015 22:04:21	@engagedethics	Kelly Edwards	#CitSciELSI @yeampierre: To engage communities historically left out of conversations, decisions: Check Privilege at the Door. #humility
1/13/2015 22:03:22	@CoopSciScoop	Caren Cooper	#citsciELSI @yeampierr engagement is not only important to communities, it is important to scientists and agencies; we need each other
1/13/2015 22:03:05	@AndreaWiggins	Andrea Wiggins	@yeampierre: brilliant science falls flat "if your way of communicating excludes, diminishes, or minimizes in any way". Bravo! #CitSciELSI
1/13/2015 22:02:17	@erinmaochu	erinmaochu	RT @GTsueng: RT @engagedethics: Identify gaps. Follow #CitSciELSI. MT @NIEHS: ELSI of Citizen Science Jan 13-14 http://t.co/DzuYGkRBxw #cit...
1/13/2015 22:01:05	@CoopSciScoop	Caren Cooper	RT @engagedethics: #CitSciELSI @yeampierre : Powerful community-led change, through partnership, justice, respect through @UPROSE work. #en...
1/13/2015 22:01:05	@AndreaWiggins	Andrea Wiggins	Great point from Elizabeth Yeampierre: need to talk to people in their own language, on multiple levels. #CitSciELSI
1/13/2015 22:00:00	@engagedethics	Kelly Edwards	#CitSciELSI @yeampierre : Powerful community-led change, through partnership, justice, respect through @UPROSE work. #environmentaljustice
1/13/2015 21:57:32	@Sharnay2day	Sharnay2day	RT @AndreaWiggins: Must be flexible & adaptable to participants' suggestions & needs to maximize benefit for all stakeholders (so...listen to...
1/13/2015 21:53:48	@jenngustetic	Jenn Gustetic	RT @engagedethics: What regulations, funding structures, policies, and practices need to change for #CitizenScience to work? #CitSciELSI #p...
1/13/2015 21:53:37	@AndreaWiggins	Andrea Wiggins	Must be flexible & adaptable to participants' suggestions & needs to maximize benefit for all stakeholders (so...listen to them!) #CitSciELSI
1/13/2015 21:53:25	@jenngustetic	Jenn Gustetic	RT @Sharnay2day: Engagement is "not a rubber stamp." May need to modify research protocol, aims, etc. #CitSciELSI
1/13/2015 21:51:05	@cmk22302	Christie Kaefer	@engagedethics Some issues discussed in report for #breastcancer research, but apply broadly http://t.co/yZsymWDEjX #CitSciELSI
1/13/2015 21:50:17	@AndreaWiggins	Andrea Wiggins	Important principles for project design: "everyone must get something out of it" and make sure you ask the right questions. #CitSciELSI
1/13/2015 21:50:05	@Sharnay2day	Sharnay2day	Engagement is "not a rubber stamp." May need to modify research protocol, aims, etc. #CitSciELSI
1/13/2015 21:49:18	@HealthcareWen	Wen Dombrowski MD	Citizen Science livestream today/tmrw on Ethical-Legal-Social Implications http://t.co/nils5MhgJ5 #CitSciELSI @genome_gov #crowdsourc #bio
1/13/2015 21:47:50	@ilovebenefits	ilovebenefits	"@SallyOkun: @patientslikeme looking forward to getting into important ideas, questions re: citizen Science @NIH #CitSciELSI" @PCORI
1/13/2015 21:47:44	@yeampierre	Elizabeth Yeampierre	Scientists embracing meaningful community partnerships @NIH #CitSciELSI

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science #CitSciELSI Tweets January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/13/2015 21:45:57	@AndreaWiggins	Andrea Wiggins	need to help people develop "research imaginations" to see the possibility of how science and research can help them. #CitSciELSI
1/13/2015 21:45:12	@lay_researcher	lay_researcher	RT @engagedethics: What regulations, funding structures, policies, and practices need to change for #CitizenScience to work? #CitSciELSI #p...
1/13/2015 21:44:40	@AndreaWiggins	Andrea Wiggins	community engagement in patient advocacy & health info sharing: similar to most other #citizenscience but stakes often higher. #CitSciELSI
1/13/2015 21:41:15	@CitSciAcademy	CitSciAcademy	RT @CoopSciScoop: #CitSciELSI notes that missing from presentations were "Communities" leading as technical advisers, and "livability" is b...
1/13/2015 21:40:28	@CoopSciScoop	Caren Cooper	RT @engagedethics: What regulations, funding structures, policies, and practices need to change for #CitizenScience to work? #CitSciELSI #p...
1/13/2015 21:38:18	@engagedethics	Kelly Edwards	What regulations, funding structures, policies, and practices need to change for #CitizenScience to work? #CitSciELSI #positivedisruption
1/13/2015 21:38:18	@2footgiraffe	Adam Taylor	RT @NievesChristine: Grew up in #PuertoRico & didn't know about #citsci until recently. How can communities of color learn about #citizensc...
1/13/2015 21:35:53	@AndreaWiggins	Andrea Wiggins	broadening engagement means re-negotiating ethics, protections of the public, power roles in science, justice & representation. #CitSciELSI
1/13/2015 21:35:51	@NCIPhySci	NCI PhysicalSciences	RT @RunningCardinal: Great posts from #CitSciELSI workshop today. Keep them coming. @NIEHS_PEPH @engagedethics @naomichirps
1/13/2015 21:35:49	@engagedethics	Kelly Edwards	#CitSciELSI: We need to be generative, action-oriented, and disruptive to impact bioscience practices. Dialogue and diversity helps.
1/13/2015 21:30:36	@GTsueng	G. Tsueng	RT @engagedethics: Identify gaps. Follow #CitSciELSI. MT @NIEHS: ELSI of Citizen Science Jan 13-14 http://t.co/DzuYGkRBxw #citizenscience
1/13/2015 21:25:21	@RunningCardinal	Liam O'Fallon	Great posts from #CitSciELSI workshop today. Keep them coming. @NIEHS_PEPH @engagedethics @naomichirps
1/13/2015 21:22:59	@RunningCardinal	Liam O'Fallon	RT @japanlawprof: What does #citizenscience mean? Wt roles exist & how do projects benefit w/ #crowdsourcing? wt models exist 4 social cont...
1/13/2015 21:17:07	@KristinClift	Kristin Clift	One of my favorite rare disease/families citizen science stories. The Might's and the Wilsey's #CitSciELSI http://t.co/xq3ne8nuyw
1/13/2015 21:07:14	@IsabelleMTaylor	Isabelle Taylor	RT @engagedethics: Identify gaps. Follow #CitSciELSI & webcast. MT @NIEHS: ELSI of Citizen Science Jan 13-14 http://t.co/4qaJwzGBp #Bioeth...
1/13/2015 21:04:19	@sj_liede	Sandra Liede	New paper w/ #CitizenScience survey #CitSciELSI: http://t.co/UF8AITHNGo via @AndreaWiggins
1/13/2015 21:03:02	@Japanlawprof	James Miller	What does #citizenscience mean? Wt roles exist & how do projects benefit w/ #crowdsourcing? wt models exist 4 social contracts? #CitSciELSI
1/13/2015 21:02:28	@CleanAirUK	CleanAirUK	RT @AndreaWiggins: Do you offer your participants an exit strategy? Does your project have an exit strategy? How do you shut down responsib...
1/13/2015 21:01:11	@Sharnay2day	Sharnay2day	7 Dimensions of Cit Sci: educative dividend, goals& tasks, resource ctrl, exit, voice, visible metrics, & visible comm capacity #CitSciELSI
1/13/2015 21:00:52	@AndreaWiggins	Andrea Wiggins	the "traditional" ELSI considerations largely echo The Belmont Report, adds on institutional and commercial considerations. #CitSciELSI
1/13/2015 21:00:00	@CoopSciScoop	Caren Cooper	#CitSciELSI - don't lose talking abt oversight - should IRB expand? or other solution?
1/13/2015 20:57:54	@AndreaWiggins	Andrea Wiggins	Most cit sci is short-term; need to take on 7 generation vision for long term stewardship, not just lifespan of current project #CitSciELSI

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science

#CitSciELSI Tweets

January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/13/2015 20:57:39	@CoopSciScoop	Caren Cooper	#CitSciELSI notes that missing from presentations were "Communities" leading as technical advisers, and "livability" is big motivator.
1/13/2015 20:55:42	@japanlawprof	James Miller	cool talks on citizen science at @NIH #genome looking at ethical, legal and social implications #CitSciELSI http://t.co/BgEkgkewjM
1/13/2015 20:55:15	@Epi_Policy	Epigenomics&Policy	RT @engagedethics: #CitSciELSI: Will #citizenscience transform biomedical research practices, or be co-opted by them? Some hope, some fear ...
1/13/2015 20:53:53	@OMSiHealth	One Million Sol'ns	Novartis & Qualcomm invest in collection of user data 4 clinical trials. #CitizenScience meets #Pharma? #CitSciELSI http://t.co/4vi1aqzUmB
1/13/2015 20:53:45	@Babs_mph	Audrey Wellons	@DMCarrick @tramklam @SheriSchully @drkhourycdc @Sharnay2day Charlissee's #CitSciELSI is happening now thru tomorrow: http://t.co/oPu8NnoyHW
1/13/2015 20:52:33	@TLJKelly	Tamara Kelly	RT @annebowser: From Sandra Lee: how does the ethos of open sharing impact the desire for control? #CitSciELSI
1/13/2015 20:51:32	@CoopSciScoop	Caren Cooper	RT @genome_gov: @CoopSciScoop Blog Participants in cit. science projects give up quickly but early quitters do imp't work. http://t.co/R5YNI...
1/13/2015 20:50:45	@josperello	Josep Perelló	RT @CoopSciScoop: Sandra Lee on what's new #citizenscience #CitSciELSI Open sharing and transparency or evolving terms of engagement?
1/13/2015 20:50:22	@Babs_mph	Audrey Wellons	@A_Kennedy_PhD @Pamela_Marcus @drxvq @StefanieN16 @gabelai Charlissee's #CitSciELSI is happening now & tomorrow: http://t.co/oPu8NnoyHW
1/13/2015 20:50:16	@CoopSciScoop	Caren Cooper	Sandra Lee on what's new #citizenscience #CitSciELSI Is this Democratization or science as usual?
1/13/2015 20:49:40	@CoopSciScoop	Caren Cooper	Sandra Lee on what's new #citizenscience #CitSciELSI Open sharing and transparency or evolving terms of engagement?
1/13/2015 20:49:18	@genome_gov	genome_gov	RT @AndreaWiggins: new paper w/ #CitizenScience survey that Pietro highlighted for #CitSciELSI: http://t.co/NE5jzkDAMD
1/13/2015 20:49:14	@CoopSciScoop	Caren Cooper	Sandra Lee on what's new #citizenscience #CitSciELSI is it Empowerment or data, without information?
1/13/2015 20:47:16	@AndreaWiggins	Andrea Wiggins	What are the expectations in the flow of information? <- super-critical question for informed participation! #CitSciELSI
1/13/2015 20:45:31	@CoopSciScoop	Caren Cooper	RT @annebowser: From Sandra Lee: how does the ethos of open sharing impact the desire for control? #CitSciELSI
1/13/2015 20:45:21	@CoopSciScoop	Caren Cooper	RT @AndreaWiggins: Do you offer your participants an exit strategy? Does your project have an exit strategy? How do you shut down responsib...
1/13/2015 20:44:14	@CoopSciScoop	Caren Cooper	#citsciELSI What is nature of quality control? What are limits of repurposing & mining shared data in name of discovery? Who sets the agenda?
1/13/2015 20:44:01	@AndreaWiggins	Andrea Wiggins	Do you offer your participants an exit strategy? Does your project have an exit strategy? How do you shut down responsibly? #CitSciELSI
1/13/2015 20:43:42	@CoopSciScoop	Caren Cooper	Sandra Lee poses questions to ask abt #citizenscience #CitSciELSI who can participate? How are standards created? Who curates the data? ...
1/13/2015 20:43:10	@annebowser	Anne Bowser	From Sandra Lee: how does the ethos of open sharing impact the desire for control? #CitSciELSI
1/13/2015 20:42:23	@AndreaWiggins	Andrea Wiggins	I want Sandra Lee's list of questions for goals & tasks, resource control, etc. Great set of issues for any project to ponder! #CitSciELSI
1/13/2015 20:41:06	@AndreaWiggins	Andrea Wiggins	Sandra Lee bringing up a lot of important data policy questions as relates to participation design #CitSciELSI

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science #CitSciELSI Tweets January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/13/2015 20:38:24	@NCIPhySci	NCI PhysicalSciences	Sandra Lee discussing motivations for participation in citizen science #CitSciELSI http://t.co/w9WD38lrec
1/13/2015 20:35:04	@Babs_mph	Audrey Wellons	MT @NIEHS: LIVE VIDEO NOW: Explore Ethical, Legal, & Social Implications of Citizen Science, Jan 13-14 http://t.co/LRfrS5cxbJ #CitSciELSI
1/13/2015 20:34:47	@genome_gov	genome_gov	Now presenting: Sandra Soo-Jin Lee, Stanford, sheds light on emerging ethical issues in citizen science #CitSciELSI
1/13/2015 20:29:52	@genome_gov	genome_gov	@CoopSciScoop Blog Participants in cit. science projects give up quickly but early quitters do impt work. http://t.co/R5YNIefpdr #CitSciELSI
1/13/2015 20:29:37	@CoopSciScoop	Caren Cooper	love it -- to bring home ethics of privacy issues, Pietro asks for show of hands in audience "who had a bowel movement today?" #CitSciELSI
1/13/2015 20:28:48	@NCIEpi	NCI Epidemiology	WATCH NOW: videocast on ethical, legal & social issues with involving the public in research process http://t.co/xJV8t7Ehlz #CitSciELSI
1/13/2015 20:27:50	@NievesChristine	Christine Nieves	RT @engagedethics: @NievesChristine: @NIMHD at #CitSciELSI agrees we need to pilot trustworthy #citizenscience methods with minority commun...
1/13/2015 20:27:27	@engagedethics	Kelly Edwards	Virtuous Ecosystems like @patientslikeme @GeneticAlliance #PEER: People contribute and learn from being in community. #CitSciELSI
1/13/2015 20:25:17	@CoopSciScoop	Caren Cooper	.@AndreaWiggins yes, indeed, with children #CitSciELSI
1/13/2015 20:23:52	@engagedethics	Kelly Edwards	Rumsfeld always helpful: serendipity helps us with the unknown unknowns. What ELSI issues are unknown unknowns I wonder? #CitSciELSI
1/13/2015 20:22:10	@AndreaWiggins	Andrea Wiggins	"unknown unknowns" are opportunities for serendipitous scientific discovery in #CitizenScience. #CitSciELSI
1/13/2015 20:21:45	@engagedethics	Kelly Edwards	How good is good enough when crowdsourcing malaria or cancer cell ID? Especially when waiting for an "expert" isn't an option. #CitSciELSI
1/13/2015 20:20:27	@lay_researcher	lay_researcher	RT @engagedethics: #CitSciELSI: Will #citizenscience transform biomedical research practices, or be co-opted by them? Some hope, some fear ...
1/13/2015 20:19:17	@CoopSciScoop	Caren Cooper	hmm, ethics of additive activities? MT @AndreaWiggins: intro to stardust@home—utterly dull task but shockingly addictive.. #CitSciELSI
1/13/2015 20:17:09	@AndreaWiggins	Andrea Wiggins	intro to stardust@home—utterly dull task but shockingly addictive, over 30K people helped find 7 pieces of space dust. #CitSciELSI
1/13/2015 20:14:48	@RunningCardinal	Liam O'Fallon	RT @engagedethics: #CitSciELSI: Will #citizenscience transform biomedical research practices, or be co-opted by them? Some hope, some fear ...
1/13/2015 20:13:37	@CoopSciScoop	Caren Cooper	RT @engagedethics: @NievesChristine: @NIMHD at #CitSciELSI agrees we need to pilot trustworthy #citizenscience methods with minority commun...
1/13/2015 20:12:29	@engagedethics	Kelly Edwards	@NievesChristine: @NIMHD at #CitSciELSI agrees we need to pilot trustworthy #citizenscience methods with minority communities. #LetsDolt
1/13/2015 20:10:17	@wilbanks	John Wilbanks	@engagedethics much like Advanced Chess - thought by Kasparov to be better than either alone! #CitSciELSI http://t.co/0KhQcfsww4
1/13/2015 20:10:09	@CoopSciScoop	Caren Cooper	RT @engagedethics: #CitSciELSI: Will #citizenscience transform biomedical research practices, or be co-opted by them? Some hope, some fear ...
1/13/2015 20:09:31	@NCIPhySci	NCI PhysicalSciences	RT @AndreaWiggins: new paper w/ #CitizenScience survey that Pietro highlighted for #CitSciELSI: http://t.co/NE5jzkDAMD
1/13/2015 20:07:43	@AndreaWiggins	Andrea Wiggins	brilliant questions about labor issues from Pietro Michelucci—labor standards, work/non-work, rights, etc. #CitSciELSI

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science

#CitSciELSI Tweets

January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/13/2015 20:07:10	@engagedethics	Kelly Edwards	Pietro Michelucci: Machines and humans each have parts to play in information processing. Can we play to strengths? #CitSciELSI #informatics
1/13/2015 20:07:03	@annebowser	Anne Bowser	RT @AndreaWiggins: new paper w/ #CitizenScience survey that Pietro highlighted for #CitSciELSI: http://t.co/NE5jzkDAMD
1/13/2015 20:06:26	@AndreaWiggins	Andrea Wiggins	new paper w/ #CitizenScience survey that Pietro highlighted for #CitSciELSI: http://t.co/NE5jzkDAMD
1/13/2015 20:03:55	@engagedethics	Kelly Edwards	#CitSciELSI: Will #citizenscience transform biomedical research practices, or be co-opted by them? Some hope, some fear #bioethics #CBPR
1/13/2015 20:02:04	@MITxBio	MITx biology	RT @genome_gov: NHGRI Webcast: 1/13-14 Workshop on the Ethical, Legal and Social Implications of Citizen Science http://t.co/FTD7RkZI7g #Ci...
1/13/2015 20:01:17	@engagedethics	Kelly Edwards	RT @CharleneJennett: "Stars don't care if you share their personal data" - ethical, legal, social implications of #CitizenScience in BioMed...
1/13/2015 20:00:52	@NCIPhySci	NCI PhysicalSciences	Pietro Michelucci talking about human computation #CitSciELSI http://t.co/ySO8UGOyJL
1/13/2015 19:57:10	@genome_gov	genome_gov	Next up: Pietro Michelucci, director of the Human Computation Inst. "Why do we need humans in the (biomedical research) loop? #CitSciELSI
1/13/2015 19:55:52	@NievesChristine	Christine Nieves	.@CienciaPR thinking about you guys as I watch #CitSciELSI live: http://t.co/pBUMwltNNO Wish I had known you guys when I was growing up!
1/13/2015 19:54:49	@NievesChristine	Christine Nieves	Grew up in #PuertoRico & didn't know about #citsci until recently. How can communities of color learn about #citizenscience? #CitSciELSI
1/13/2015 19:54:23	@EvoMellor	David Mellor	RT @NIMHgov: FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/NonSY4Cyom #CitSciEL...
1/13/2015 19:51:31	@NievesChristine	Christine Nieves	Final question: If #CitSciELSI were a wild success, what would be the outcome?
1/13/2015 19:48:39	@patientslikeme	PatientsLikeMe	RT @SallyOkun: @patientslikeme looking forward to getting into important ideas, questions re: citizen Science @NIH #CitSciELSI
1/13/2015 19:46:05	@NievesChristine	Christine Nieves	Last speed-knowledge-sharing question: What worries or concerns you about the #citizenscience world? #citsci #CitSciELSI
1/13/2015 19:45:16	@NievesChristine	Christine Nieves	Speed-knowledge-sharing question: what do you find really exciting and hopeful in the #citizenscience world? #CitSciELSI #citsci
1/13/2015 19:38:53	@NievesChristine	Christine Nieves	Speed-knowledge sharing q: What is Citizen Science from your perspective? #CitSciELSI Can't wait to hear some of the definitions discussed
1/13/2015 19:37:58	@CharleneJennett	Charlene Jennett	"Stars don't care if you share their personal data" - ethical, legal, social implications of #CitizenScience in BioMed research #CitSciELSI
1/13/2015 19:36:04	@lay_researcher	lay_researcher	Following #CitSciELSI today - ethical, legal, social implications of citizen science @NIH
1/13/2015 19:34:02	@NievesChristine	Christine Nieves	Watching #CitSciELSI live and it looks like everyone is having a good time. Wish I was there!
1/13/2015 19:31:58	@jengustetic	Jenn Gustetic	RT @GeodataPolicy: Follow #CitSciELSI today - ethical, legal, social implications of #CitizenScience at @NIH Watch live http://t.co/DIRmYap...
1/13/2015 19:26:45	@phylo_game	phylo DNA puzzles	RT @GeodataPolicy: Follow #CitSciELSI today - ethical, legal, social implications of #CitizenScience at @NIH Watch live http://t.co/DIRmYap...
1/13/2015 19:26:44	@joshgoldstein1	Josh Goldstein	RT @genome_gov: Jennifer Couch, NCI, providing 'lay of the land' for meeting/citizen science. #CitSciELSI http://t.co/bKXVWLeRgT

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science #CitSciELSI Tweets January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/13/2015 19:24:51	@AndreaWiggins	Andrea Wiggins	flexible governance needed to accommodate sensitivity of personal health info in biomedical #CitizenScience. #CitSciELSI
1/13/2015 19:24:41	@yeampierre	Elizabeth Yeampierre	@nih #CitSciELSI exploring citizen science in biomedical research
1/13/2015 19:24:35	@NCIPhySci	NCI PhysicalSciences	Jennifer Couch describing citizen science terms and a "lay of the land" #citsciELSI http://t.co/IYiu5eEWes
1/13/2015 19:24:11	@mhaklay	Muki Haklay	RT @CharleneJennett: I'm watching the Ethical, Legal and Social Implications of #CitizenScience workshop on livestream :) #CitSciELSI
1/13/2015 19:23:39	@GeodataPolicy	Lea Shanley	RT @KristinClift: Democratizing Science: How New Services Enable Citizen Discovery, Research, And Innovation http://t.co/IMkWiPFiKd #CitSci...
1/13/2015 19:23:29	@nick_r_anderson	Nick Anderson	RT @GeodataPolicy: Follow #CitSciELSI today - ethical, legal, social implications of #CitizenScience at @NIH Watch live http://t.co/DIRmYap...
1/13/2015 19:22:48	@theNCI	National Cancer Inst	RT @genome_gov: Jennifer Couch, NCI, providing 'lay of the land' for meeting/citizen science. #CitSciELSI http://t.co/bKXVWLeRgT
1/13/2015 19:22:43	@Alfons_Valencia	AlfonsoValencia	RT @GeodataPolicy: Follow #CitSciELSI today - ethical, legal, social implications of #CitizenScience at @NIH Watch live http://t.co/DIRmYap...
1/13/2015 19:21:41	@NCIPhySci	NCI PhysicalSciences	Dave Kaufman & Charlissee Caga-anan open the NIH #CitSciELSI meeting http://t.co/siKYcppy6q
1/13/2015 19:20:51	@AndreaWiggins	Andrea Wiggins	RT @annebowser: ethical issues unique to medical cit sci: "stars don't really care if you share their personal information" #CitSciELSI
1/13/2015 19:20:40	@annebowser	Anne Bowser	ethical issues unique to medical cit sci: "stars don't really care if you share their personal information" #CitSciELSI
1/13/2015 19:20:24	@GeodataPolicy	Lea Shanley	Follow #CitSciELSI today - ethical, legal, social implications of #CitizenScience at @NIH Watch live http://t.co/DIRmYap6RV
1/13/2015 19:19:06	@genome_gov	genome_gov	Jennifer Couch, NCI, providing 'lay of the land' for meeting/citizen science. #CitSciELSI http://t.co/bKXVWLeRgT
1/13/2015 19:17:20	@vvchung	Vivia Chung	RT @genome_gov: Webcast of NIH Workshop to Explore ELSI of Citizen Science experiencing technical issues. We're working on it. #CitSciELSI
1/13/2015 19:16:02	@BruceBeauverd	Bruce Beauverd	RT @genome_gov: Webcast of NIH Workshop to Explore ELSI of Citizen Science experiencing technical issues. We're working on it. #CitSciELSI
1/13/2015 19:15:24	@JuliaGBrody	Julia Brody	RT @NIEHS: LIVE VIDEO: Explore the Ethical, Legal, & Social Implications of Citizen Science, Jan 13-14 http://t.co/6OTL944JRL #CitSciELSI #...
1/13/2015 19:11:06	@genome_gov	genome_gov	Webcast restored! #CitSciELSI
1/13/2015 19:10:49	@CharleneJennett	Charlene Jennett	I'm watching the Ethical, Legal and Social Implications of #CitizenScience workshop on livestream :) #CitSciELSI
1/13/2015 19:10:24	@genome_gov	genome_gov	Webcast of NIH Workshop to Explore ELSI of Citizen Science experiencing technical issues. We're working on it. #CitSciELSI
1/13/2015 19:07:26	@SallyOkun	Sally Okun	@patientslikeme looking forward to getting into important ideas, questions re: citizen Science @NIH #CitSciELSI
1/13/2015 19:05:40	@AndreaWiggins	Andrea Wiggins	lots of new people to meet at Ethical, Legal, Social Implications of #CitizenScience workshop at @NIH — very exciting! #CitSciELSI
1/13/2015 19:05:27	@OMSiHealth	One Million Sol'ns	Ethics of #citizenscience streamed conference #citsciELSI #dIYscience #openscience http://t.co/oYxGpb0FqO via @wilbanks

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science #CitSciELSI Tweets January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/13/2015 19:04:19	@CharleneJennett	Charlene Jennett	RT @NCIPhySci: The NIH #CitSciELSI meeting is about to start! Watch here: http://t.co/iWX2IDX85P
1/13/2015 19:02:14	@genome_gov	genome_gov	RT @NCIPhySci: The NIH #CitSciELSI meeting is about to start! Watch here: http://t.co/iWX2IDX85P
1/13/2015 18:46:10	@NCIPhySci	NCI PhysicalSciences	The NIH #CitSciELSI meeting is about to start! Watch here: http://t.co/iWX2IDX85P
1/13/2015 18:28:39	@westr	Robert West PhD	RT @NievesChristine: Great day for #citizenscience! Follow #CitSciELSI today - ethical, legal, social implications live http://t.co/hE4lc6...
1/13/2015 18:22:47	@researchmatters	Sarah Greene	Excited to attend the @NIH Citizen Science workshop today #CitSciELSI .@GeneticAlliance .@HealthPrivacy .@PCORI #getengaged
1/13/2015 18:14:34	@NievesChristine	Christine Nieves	Great day for #citizenscience! Follow #CitSciELSI today - ethical, legal, social implications live http://t.co/hE4lc6VTiL @genome_gov @NIH
1/13/2015 17:53:08	@GLEONetwork	GLEON	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dlGOznj0 #CitSciELS...
1/13/2015 17:04:26	@lay_researcher	lay_researcher	RT @genome_gov: NHGRI Webcast: 1/13-14 Workshop on the Ethical, Legal and Social Implications of Citizen Science http://t.co/FTD7RkZI7g #Ci...
1/13/2015 16:56:43	@claudiomendez	Claudio A. Méndez	RT @bermaninstitute: Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science http://t.co/F56lxW6Rjd #Ci...
1/13/2015 16:55:27	@skapenet	SKAPE	RT @bermaninstitute: Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science http://t.co/F56lxW6Rjd #Ci...
1/13/2015 15:04:31	@PickersgillM	Martyn Pickersgill	RT @bermaninstitute: Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science http://t.co/F56lxW6Rjd #Ci...
1/13/2015 8:33:37	@NanibaaGarrison	Nanibaa' Garrison	RT @engagedethics: Identify gaps. Follow #CitSciELSI & webcast. MT @NIEHS: ELSI of Citizen Science Jan 13-14 http://t.co/4qaJwfzGBp #Bioeth...
1/13/2015 7:53:52	@DNADailyinfo	S Turner	RT @genome_gov: NHGRI Webcast: 1/13-14 Workshop on the Ethical, Legal and Social Implications of Citizen Science http://t.co/FTD7RkZI7g #Ci...
1/13/2015 6:55:12	@betsyrolland	Betsy Rolland	RT @genome_gov: NHGRI Webcast: 1/13-14 Workshop on the Ethical, Legal and Social Implications of Citizen Science http://t.co/FTD7RkZI7g #Ci...
1/13/2015 6:50:25	@genome_gov	genome_gov	NHGRI Webcast: 1/13-14 Workshop on the Ethical, Legal and Social Implications of Citizen Science http://t.co/FTD7RkZI7g #CitSciELSI
1/13/2015 6:42:37	@naomichirps	Naomi Hirsch	RT @engagedethics: @ecogenetix @naomichirps @NIEHS: FREE WEB: Ethical, legal, social implications of Citizen Science 1/13-14 http://t.co/4qa...
1/13/2015 6:35:56	@ecogenetix	Ecogenetics Center	MT @engagedethics: WEBINAR: Ethical, legal, social implications of Citizen Science 1/13-14 5:30am PST(!) http://t.co/FVUbRt3p1O #CitSciELSI
1/13/2015 6:29:20	@Neil_Kubica	Neil Kubica	RT @KristinClift: Just in time for #CitSciELSI From funding to lobbying, patients now a factor in biotech http://t.co/qwshAxjAt3 @BostonG...
1/13/2015 6:20:01	@engagedethics	Kelly Edwards	@ecogenetix @naomichirps @NIEHS: FREE WEB: Ethical, legal, social implications of Citizen Science 1/13-14 http://t.co/4qaJwfzGBp #CitSciELSI
1/13/2015 6:16:49	@engagedethics	Kelly Edwards	RT @KristinClift: Just in time for #CitSciELSI From funding to lobbying, patients now a factor in biotech http://t.co/qwshAxjAt3 @BostonG...
1/13/2015 6:16:17	@engagedethics	Kelly Edwards	Identify gaps. Follow #CitSciELSI & webcast. MT @NIEHS: ELSI of Citizen Science Jan 13-14 http://t.co/4qaJwfzGBp #Bioethics #citizenscience
1/13/2015 4:05:11	@JuliaGBrody	Julia Brody	RT @NIEHS: FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/6OTL944JRL #CitSciELSI

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science #CitSciELSI Tweets January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/13/2015 3:32:56	@KirkDBorne	Kirk Borne	Jan13-14 webcast: Ethical-Legal-Social Implications of #CitizenScience: http://t.co/O1aqKOPXMY #CitSciELSI @genome_gov HT @HealthcareWen
1/13/2015 3:16:35	@dbarthjones	Daniel Barth-Jones	RT @HealthcareWen: Jan13-4 webcast: Ethical-Legal-Social Implications of CITIZEN SCIENCE http://t.co/nils5MhgJ5 #CitSciELSI @genome_gov @ST...
1/13/2015 3:14:46	@ChildWelfare411	Adrienne C Barr	RT @HealthcareWen: Jan13-4 webcast: Ethical-Legal-Social Implications of CITIZEN SCIENCE http://t.co/nils5MhgJ5 #CitSciELSI @genome_gov @ST...
1/13/2015 3:14:36	@HealthcareWen	Wen Dombrowski MD	Jan13-4 webcast: Ethical-Legal-Social Implications of CITIZEN SCIENCE http://t.co/nils5MhgJ5 #CitSciELSI @genome_gov @STIPCommonsLab #ethics
1/13/2015 3:07:57	@KSSMDPhD	KSS, MD, PhD	RT @KristinClift: Democratizing Science: How New Services Enable Citizen Discovery, Research, And Innovation http://t.co/IMkWiPFiKd #CitSci...
1/13/2015 3:01:36	@BeckPitt	Beck Pitt	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dlGOzj0 #CitSciELS...
1/13/2015 2:56:16	@EmTum	Emma Tumilty	RT @KristinClift: Democratizing Science: How New Services Enable Citizen Discovery, Research, And Innovation http://t.co/IMkWiPFiKd #CitSci...
1/13/2015 2:55:05	@NIEHS	NIEHS	LIVE VIDEO: Explore the Ethical, Legal, & Social Implications of Citizen Science, Jan 13-14 http://t.co/6OTL944JRL #CitSciELSI #NIH
1/13/2015 2:50:13	@KristinClift	Kristin Clift	Democratizing Science: How New Services Enable Citizen Discovery, Research, And Innovation http://t.co/IMkWiPFiKd #CitSciELSI
1/13/2015 2:25:04	@punkish	punkish	RT @dangerbui: Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dlGOzj0 #CitSciELS...
1/13/2015 2:04:48	@sj_liede	Sandra Liede	Workshop Jan 13-14: Ethical, Legal and Social Implications of Citizen Science http://t.co/li1JssA6o1 #CitSciELSI @bermaninstitute
1/13/2015 2:03:59	@dangerbui	Lily Bui	Stream the @NIH workshop on ethical/legal implications of #citizenscience here, 1/13-1/14: http://t.co/W8dlGOzj0 #CitSciELSI h/t @punkish
1/13/2015 1:46:12	@KristinClift	Kristin Clift	RT @STIPCommonsLab: Jan 13-14: NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science live: http://t.co/EVtd...
1/13/2015 1:45:52	@KristinClift	Kristin Clift	Just in time for #CitSciELSI From funding to lobbying, patients now a factor in biotech http://t.co/qwshAxjAt3 @BostonGlobe
1/13/2015 1:36:45	@STIPCommonsLab	Commons Lab	Jan 13-14: NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science live: http://t.co/EVtdA7q9Ut #CitSciELSI
1/13/2015 1:12:55	@CoopSciScoop	Caren Cooper	RT @NCIPhySci: Tomorrow NIH explores the ethical, legal, & social implications of biomedical #citizenscience. Watch: http://t.co/iWX2IDX85P...
1/13/2015 0:31:43	@DrHolly	Holly Menninger	RT @NCIPhySci: Tomorrow NIH explores the ethical, legal, & social implications of biomedical #citizenscience. Watch: http://t.co/iWX2IDX85P...
1/13/2015 0:31:24	@NCIPhySci	NCI PhysicalSciences	Tomorrow NIH explores the ethical, legal, & social implications of biomedical #citizenscience. Watch: http://t.co/iWX2IDX85P #CitSciELSI
1/12/2015 23:25:31	@tandfbiosci	T&F Bioscience	RT @NIEHS: FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/6OTL944JRL #CitSciELSI
1/12/2015 23:05:05	@NCIBiospecimens	NCI Biospecimens	Find the workshop agenda here http://t.co/flqWIVJMAz and follow along on twitter using hashtag #CitSciELSI (4/4)
1/12/2015 22:35:15	@shelovesepi	Traci B, PhD	RT @NIEHS: FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/6OTL944JRL #CitSciELSI
1/12/2015 22:29:24	@Wutbuengerin	Barbara Prainsack	13-14 Jan #CitSciELSI NIH Workshop on Ethical, Legal and Social Implications of Citizen Science http://t.co/taNFxkFMzb via @Vickie_Curtis

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science #CitSciELSI Tweets January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/12/2015 22:25:54	@NHMAmd	NHMA	RT @NIEHS: FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/6OTL944JRL #CitSciELSI
1/12/2015 22:25:11	@NIEHS	NIEHS	FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/6OTL944JRL #CitSciELSI
1/12/2015 21:25:11	@drdanocconnor	Dan O'Connor	RT @bermaninstitute: Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science http://t.co/F56lxW6Rjd #Ci...
1/12/2015 21:00:48	@EffyVayena	Effy Vayena	RT @bermaninstitute: Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science http://t.co/F56lxW6Rjd #Ci...
1/12/2015 20:21:08	@ncats_nih_gov	NCATS	NCATS, @theNCI & @genome_gov to co-host #ELSI workshop Jan 13-14 re: "citizen science" biomed research. http://t.co/Z5eIV6X853 #CitSciELSI
1/12/2015 17:27:26	@myalevelpsych	A level Psychology	RT @NIMHgov: FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/NonSY4Cyom #CitSciEL...
1/12/2015 7:10:12	@ResourceLegal	Legal Resource	RT @CCPH2010: MT @NIMHgov Jan 13-14 WEBINAR: #NIH on #ethical, #legal, #social implications of #CitizenScience http://t.co/blJyIKebDr #CitS...
1/12/2015 7:09:47	@CCPH2010	CCPH	MT @NIMHgov Jan 13-14 WEBINAR: #NIH on #ethical, #legal, #social implications of #CitizenScience http://t.co/blJyIKebDr #CitSciELSI #CBPR
1/10/2015 14:07:09	@wi_john	john williams	RT @bermaninstitute: Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science http://t.co/F56lxW6Rjd #Ci...
1/10/2015 4:05:07	@Babs_mph	Audrey Wellons	RT @bermaninstitute: Trans-NIH Workshop to Explore Ethical, Legal, Social Implications of Citizen Science http://t.co/oPu8NnoyHW #CitSciELSI
1/10/2015 3:30:57	@KristinClift	Kristin Clift	Tues: Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science #CitSciELSI http://t.co/UXq50fFid4
1/10/2015 3:21:25	@stevenjgrossman	Steve Grossman	Got gene mutations & searching? Citizen Science implications explored #NIH, Jan 13-14 http://t.co/Z8ARJqvr34 #CitSciELSI #genomics
1/10/2015 2:53:05	@CitSciAssoc	CitSciAssoc	RT @NIMHgov: FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/NonSY4Cyom #CitSciEL...
1/10/2015 2:52:46	@msubioethics	MSU Bioethics	RT @NIMHgov: FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/NonSY4Cyom #CitSciEL...
1/10/2015 2:48:52	@CharleenDAdams	Charleen D. Adams	RT @bermaninstitute: Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science http://t.co/F56lxW6Rjd #Ci...
1/10/2015 2:46:14	@bermaninstitute	Berman Institute	Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications of Citizen Science http://t.co/F56lxW6Rjd #CitSciELSI #Bioethics
1/10/2015 2:44:42	@bermaninstitute	Berman Institute	RT @NIMHgov: FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/NonSY4Cyom #CitSciEL...
1/9/2015 21:52:18	@NCIPhySci	NCI PhysicalSciences	RT @NIDCD: #NIH explores the ethical, legal, & social implications of Citizen Science, Jan 13-14 http://t.co/UhOmUano1a #CitSciELSI
1/9/2015 5:27:00	@BioethOnline	BioéthiqueOnline	RT @pebourne: WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/ZPP1RmU5NR #CitSciELSI
1/9/2015 3:30:11	@EHSLibrary	Eccles Library	RT @NCIEpi: FREE WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/8y9lc0KKHH #CitSciELSI
1/9/2015 3:07:03	@mem_somerville	mem_somerville	RT @pebourne: WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/ZPP1RmU5NR #CitSciELSI
1/9/2015 3:03:11	@scilib	Richard Akerman	RT @pebourne: WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/ZPP1RmU5NR #CitSciELSI

Trans-NIH Workshop to Explore the Ethical, Legal and Social Implications (ELSI) of Citizen Science
 #CitSciELSI Tweets
 January 13-14, 2015

Date	Screen Name	User Name	Tweet Text
1/9/2015 2:57:20	@wake_sleep	Sean Hill	RT @Helena_LB: NIH explores the ethical, legal and social implications of citizen science, webinar 13-14 Jan http://t.co/qREODMpVpS #CitSci...
1/9/2015 1:50:25	@michaelgraaf	WikiParty	RT @pebourne: WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/ZPP1RmU5NR #CitSciELSI
1/9/2015 1:40:50	@UduakGW	InformaticsGW	RT @pebourne: WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/vkxwhf0CFv #CitSciELSI
1/9/2015 1:36:12	@openscience	Open Science	RT @pebourne: WEBINAR: #NIH Explores ethical, legal, social implications of Citizen Science, 1/13-1/14 http://t.co/ZPP1RmU5NR #CitSciELSI