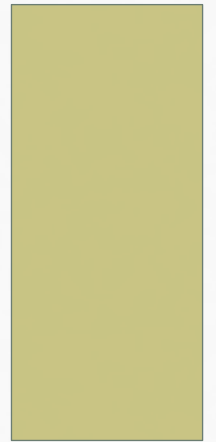


# POWERS TO THE PEOPLE: THE CROWDS OF THE INTERNET

MARCH 17, 2015 THE 20<sup>TH</sup> TCC  
ALICE BEDARD-VOORHEES, PHD



# PEEPS AND MECHANISMS

- Crowdsourcing
- Smart Mobs and the Other Well-Intended Folks
- Mechanisms for Contribution and Distribution



# POLLING STRATEGY

- We will be asking you single polling questions along the way.
- We look forward to your contributions and questions. We'll be noting questions and examples appearing in chat along the way, and I'll answer questions at the end of the slides.

POLLING QUESTION: HAVE YOU  
CROWD-FUNDED ANY PROJECTS?

# CROWDFUNDING PLATFORMS

All or Nothing—if you meet the goal, contributors are charged.

You get the money but have to return it yourself.

Solution based: Money is gathered by an entity to give to the person who can provide the solution.

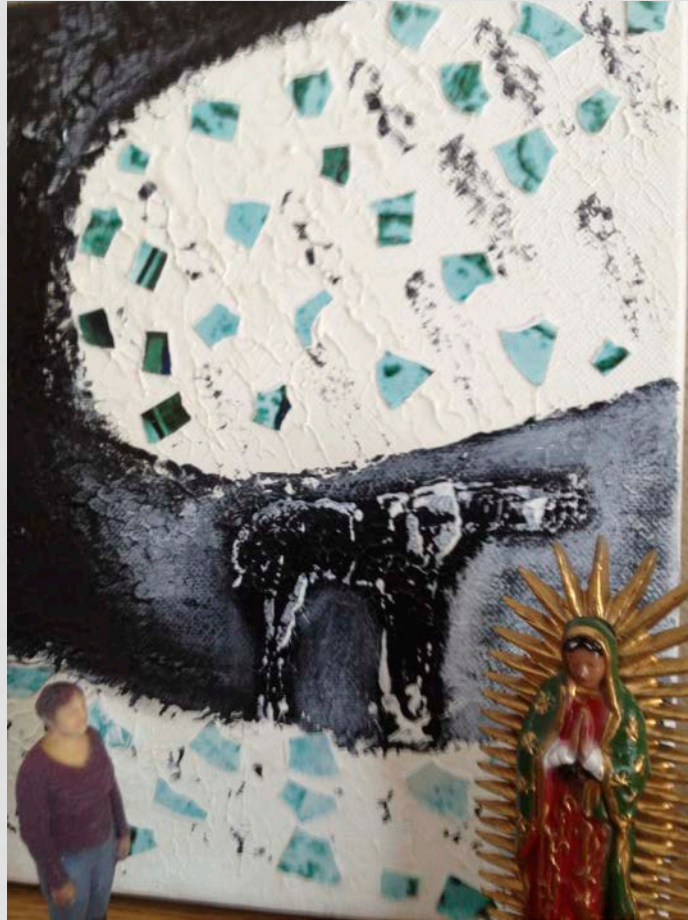
Comparing Platforms:

[http://en.wikipedia.org/wiki/Comparison\\_of\\_crowdfunding\\_services](http://en.wikipedia.org/wiki/Comparison_of_crowdfunding_services)

AKA: BO AND YANA



# SMARTHISTORY



<https://www.YouTube.com/user/smarthistoryvideos>

# CROWDSOURCING WITH YARN HARLOT: KNITTERS W/O BORDERS

- Stephanie Pearl-McPhee is a knitter/blogger/author
- Creates shared knitting events
- Encourages knitters to economize and contribute to Doctors w/o Borders: Since 2004 knitters have contributed over a \$1,100.000 dollars.



<http://www.yarnharlot.ca/knitters-without-borders/>





# MAKER AND HACKER SPACES



Image Source: "Hackerspace Billboard" by Dave Jenson - We're working on it!"  
CC Licensing Provided Below.

# POLLING QUESTION: MAKER SPACES

# MAKER SPACES AND COMMUNITIES

- Work spaces where people make stuff—Libraries and other venues are becoming maker spaces. Hacker spaces fall into this category.
- Maker Communities
  - Hour of Code: <http://code.org>
  - InVolen: <http://www.slideshare.net/progettoacariss/1215-ugolini-involen>
  - ARIS: <http://arisgames.org/make/>
  - MIT's Scratch: <https://scratch.mit.edu/>
  - Github (also has private options): <https://github.com/>

# HOUR OF CODE: MAKER AND OER

code.org



## Elementary courses

Our three new courses for K-5



## Hour of Code

Create a winter wonderland with Anna and Elsa



## Made for teachers

Introduce Code Studio in your classroom



## Flappy Code

Make and share your own Flappy game

Every student in every school should have the opportunity to learn computer science

If you agree, sign your name. Join 1,787,247 others.

Name

Email

ZIP code or country

Age

I am a

I agree

Only used for infrequent updates

Enter country if outside the United States

See our privacy practices for children

## Teachers & Educators

Bring Hour of Code to your classroom. **Get Involved**

Teach our free, online, K-8 Intro to Computer Science course. **Try it now**

Partner with us to bring computer science to

## Latest Highlights

**Why every school should teach computer science**

// Seattle Times

**53 business and education leaders join forces to expand computer science in Washington state**

## From the Community

### Tweets



**Brandon Strawn** @PrincipalStrawn 6m  
Jasmine programming #FlappyBird's flying algorithm! @LMSAEagles @ChiPubSchools @codeorg @BeATrueSchool @blompac pic.twitter.com/91jbSLx8fa

# COMMONS OPTIONS

- Creative Commons Licensing
- Flickr Commons
- YouTube Creative Commons Licensing

# CREATIVE COMMONS LICENSING

en.wikipedia.org/wiki/Hackerspace#mediaviewer/File:Hackerspace\_billboard.jpg



board promoting makerspaces

 [More details](#)

[Dave Jenson - We're working on it!](#)

 CC BY-SA



# THE COMMONS ON FLICKR

Purpose: Flickr encouraged institutions/organizations with large collections to share them for public use.

Phrase Worth Noting: "no known copyright restrictions" (but consult fine print)

Image Source: Library of Congress. Gottlieb Collection. "Portrait Billie Holiday at Carnegie Hall Between 1946 and 1948.":

<http://hdl.loc.gov/loc.music/gottlieb.04261>

# YOUTUBE CREATIVE COMMONS

https://www.youtube.com/upload\_defaults?feature=defpromo

For use with accounts in good standing, public domain video, other video already under Creative Commons

YOUR STUDIO

Dashboard

Video Manager

Community

Channel

Settings and features

Upload defaults

## Upload Defaults

Set defaults for videos you upload through your web browser. These settings ca

Privacy

Public

Category

Howto & Style

License

Creative Commons - Attributi...

Title

Description



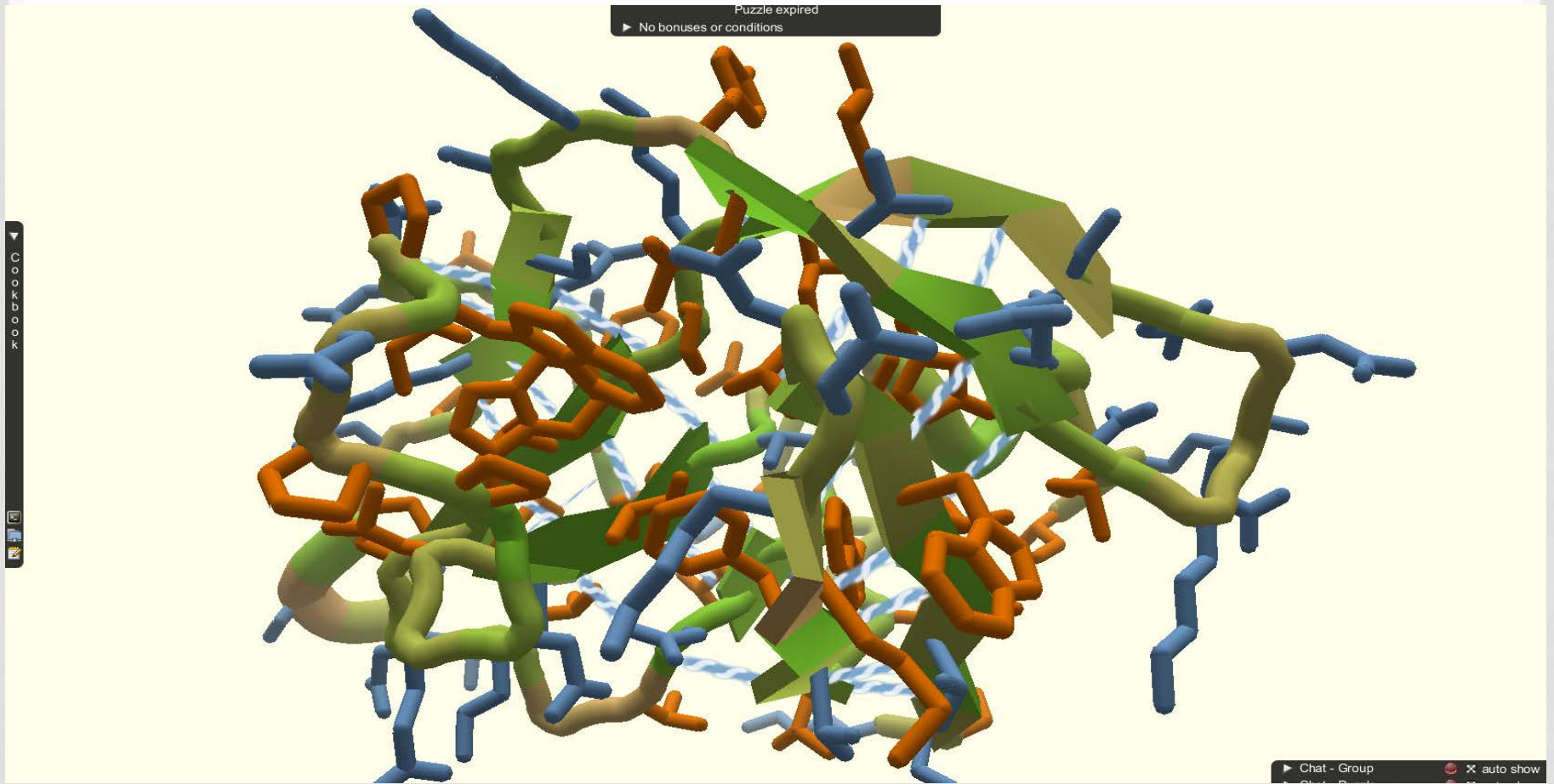
SELECT ALL YOU'VE ENGAGED WITH

# CITIZEN SCIENCE GAMES

Games with attributes like other serious games.

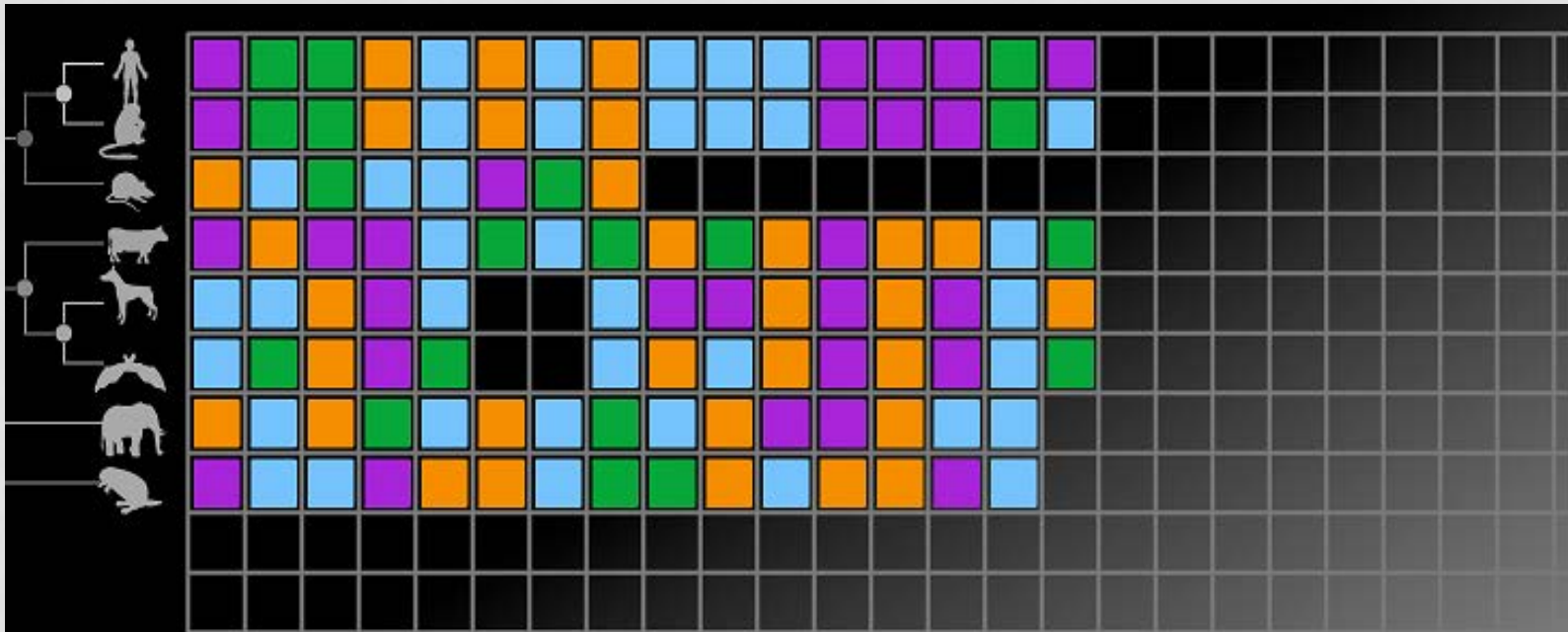
Forward knowledge about diseases and potential solutions.

# FOLDIT: PROTEIN FOLDING



Top Scoring Solution to the Mason Pfizer Monkey Virus

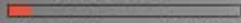
# PHYLO: MATCHING NUCLEOTIDE SEQUENCES




The image displays a phylogenetic tree on the left side, with silhouettes of various animals (human, monkey, bat, cow, dog, elephant, rabbit) at the tips of the branches. To the right of the tree is a large grid representing a sequence alignment. The grid is 14 columns wide and 14 rows high. The top 14 rows contain colored squares representing nucleotide matches or mismatches. The colors used are purple, green, orange, and light blue. The bottom 14 rows of the grid are empty. The grid is set against a dark background.

Statistics:

- Mismatches: 0
- Gap Extends: 0
- Stage: 7 / 7
- Matches: 0
- Gaps: 0
- Par: 108

Score Now: 

Best: 108  
Score: 108

Stats 

## More Serious Game Sources

[HTTP://EN.WIKIPEDIA.ORG/WIKI/SERIOUS\\_GAME](http://en.wikipedia.org/wiki/Serious_Game)

# BEYOND BARRIERS & ACROSS BORDERS



## Unexplored Interior

New York - Kigali Google+ Hangout on Air 

Unexplored Interior - 20th anniversary of the Rwandan Genocide

Community

 Like  Follow 

[Timeline](#) [About](#) [Photos](#) [Likes](#) [More ▾](#)



**#RwandaUI**

# PLAYING FOR CHANGE: AFFECTIVELY AND ARTISTICALLY

Check out the original PFC Song Around The World video here:



DOWNLOAD THE INSTRUMENTAL TRACK HERE

As PFC musicians do, listen to the instrumental track through headphones while recording so it's not included in the sound. If you'd like to record only dancing, feel free to play the instrumental track aloud. Perform the whole song or just your favorite part (a verse, chorus, or solo). Feel free to sing, dance, and/or play any instrument — be creative and have fun!



**BABY NDOMBE**  
Kinshasa, DRC

[READ MORE](#)



**BASSEKOU KOUYATE**  
Segou, Mali

[READ MORE](#)



**ORBE ORTIZ**  
Santiago de Cuba, Cuba

[READ MORE](#)

Screen Shot from <http://playingforchange.com/la-bamba-performance-contest/>  
<https://vimeo.com/106223988>

# OER

- Lots out there: TAACCC, SEED, Open Textbooks
- Successful Models Include
  - Portability
  - Ability to Edit and Update
  - Clearly Defined Content Standards
  - Sustainability



# TAACCC INNOVATION GRANTS: FUNDING INNOVATION AT SCALE

TAACCC = Trade Adjustment Assistance Community College and Career Training Grants

Encourages Consortial Applications and partnerships between Community Colleges and Workforce Centers

Requires Curriculum Materials be OER

Types Funded to Date: Competency Based Medical Info Tech, Manufacturing, Renewable Energy

# GAME PROJECTS/OER AND OTHER

- ARIS Open Source Game Engine:  
<http://arisgames.org/make/>
- Volen Project: Intergenerational Location Based Game Creation relative to the environment:  
<http://www.slideshare.net/progettoacariss/1215-ugolini-involen>
- Scratch: <https://scratch.mit.edu/>

POLLING QUESTION: HAVE YOU  
APPEALED TO OTHERS?

# OUR CROWD POWER

- Examples
- Additional Possibilities?
- Twitter: [#crowdpower](#)

