

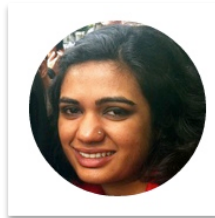
# Using Data for Social Good

Rayid Ghani

University of Chicago & Edgeflip



# By the Numbers



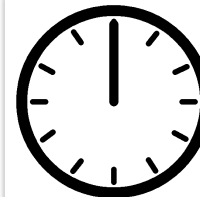
48 Fellows

8 Mentors



12 Projects

12 Weeks



The Eric & Wendy Schmidt

# Data Science for Social Good

Summer Fellowship 2013

**550** Applicants from **34** countries ~**200** Universities

## 36 fellows

**Computer Scientists**

**Statisticians**

**Economists**

**Public Policy**

(and other computational and quantitative fields)

**CMU**

**U. of Chicago**

**Harvard**

**U. Of Wisconsin**

**Madison**

**UT Austin**

**MIT**

**Yale**

**ITAM**

**Columbia**

**Northwestern**

**UIC**

**Stanford**

**Technion**

**U of Alabama**

**Georgia Tech**

**Cambridge**

**UC Irvine**

**U of Maryland**

**U of Michigan**

**Stanford**

**WPI**

The Eric & Wendy Schmidt  
Data Science for Social Good  
Summer Fellowship 2013



The Eric & Wendy Schmidt

# Data Science for Social Good

Summer Fellowship 2013



THE UNIVERSITY OF  
**CHICAGO**



after school matters



U.S. DEPARTMENT OF  
**ENERGY**



United States™  
**Census**  
Bureau

**ChapinHall**  
at the University of Chicago



The Eric & Wendy Schmidt

# Data Science for Social Good

Summer Fellowship 2013



THE UNIVERSITY OF  
**CHICAGO**



after school matters



U.S. DEPARTMENT OF  
**ENERGY**



United States™  
**Census**  
Bureau

**ChapinHall**  
at the University of Chicago



# Cook County Land Bank

A Zillow for Vacant & Abandoned Properties



**Sophia Alice**

Math

University of Chicago



**Skyler Whorton**

Computer Science

Worcester Polytechnic  
Institute



**Evan Misshula**

Criminal Justice

City University of New York



**Tom Plagge**

Astrophysicist PhD  
turned data scientist

# Improving Public Transit Planning

## A Step Forward in Solving the Crowding Problem



**Brandon  
Willard**

Research Consultant  
Booth School of  
Business



**Walter  
Dempsey**

Statistics  
University of  
Chicago



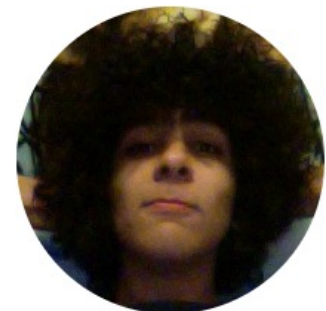
**Andrés Akle  
Carranza**

Applied Math  
Instituto Tecnológico  
Autónomo de México



**Jordan Bates**

Computer Science  
Arizona State  
University



**David Sekora**

Computer Science  
University of  
Chicago



# Evaluating Home Visitation Programs

Measuring Impacts on Children's Health and Development



**Adam Fishman**

Math

Yale University



**Emily Rowe**

Public Policy

University of Chicago



**Joseph Walsh**

Political Science

University of Alabama



**Nick Mader**

Economist PhD at Chapin Hall

at the University of Chicago

# Code Blue Prediction Using EMR Data



**Samrachana Adhikari**

Statistics

Carnegie Mellon University



**Allen Lin**

Computer Science, Policy

Cambridge University



**Sriram Somanchi**

Computer Science, Policy

Carnegie Mellon University



**Elena Eneva**

Management Scientist at Accenture,

machine learning expert

# Smarter Crisis Crowdsourcing

## Machine Suggestions for Report Reviewing



**Kayla Jacobs**

Computer Science

Technion: Israel Institute of Technology



**Kwang-Sung Jun**

Computer Science

UW Madison



**Nathan Leiby**

Software Developer

Harvard



**Elena Eneva**

Management Scientist at Accenture,

machine learning expert

# Targeting students at risk of not going to college



**Min Xu**

Computer Science

Carnegie Mellon University



**Edward Su**

Physics

MIT



**Nihar Shah**

Economics

Harvard University



**Michelangelo D'Agostino**

Former senior analyst for Obama campaign,

current data scientist at Braintree

# Contact Information

Rayid Ghani

[rayid@uchicago.edu](mailto:rayid@uchicago.edu)

For more information on the summer fellowship

<http://dssg.uchicago.edu>

Let's work on problems that matter!