

Abundance Agents of Change (AoC)

2013-2014 Challenge Grants



**CENTER FOR
PRIMARY CARE**
HARVARD MEDICAL SCHOOL



**DEPARTMENT OF
GLOBAL HEALTH & SOCIAL MEDICINE**

AoC Project Team



Dr. Andrew Ellner
Co-Director, Center for Primary
Care



Dr. Myechia Minter-Jordan
Faculty Lead, AoC



Annaise Foureau
Project Coordinator, AoC

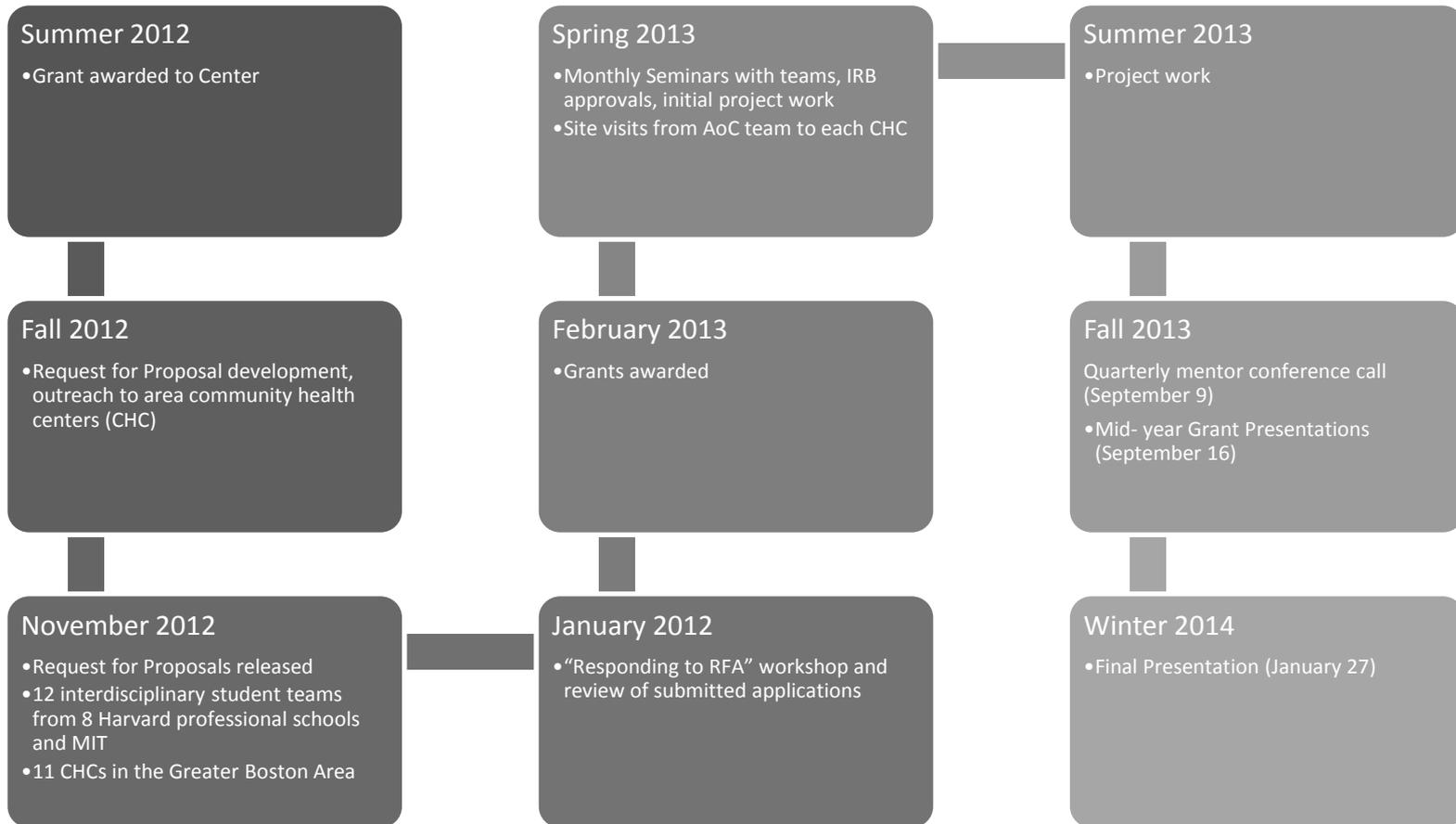


Scott Ellman
Student Leader, AoC



David Duong
Student Member, AoC

Timeline



Goals of Program

- Empowering students to take the lead in solving problems facing vulnerable populations
- Investing in making innovative ideas for improving health care delivery a reality
- Bridging Harvard University graduate students and CHCs in the Greater Boston Area
- Promoting multidisciplinary teams across different Harvard graduate professional schools

Investment

- \$20,000 seed-grants to four multidisciplinary teams of graduate students collaborating with CHCs
- \$10,000 additional support to each of the four participating CHCs

Participating Community Health Centers

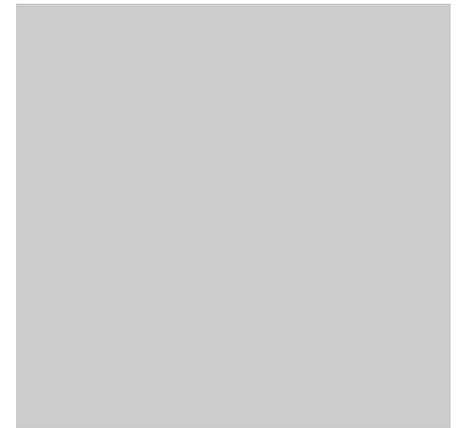
- Windsor Street Health Center
- Malden Community Health Center
- Union Square Family Health Center
- Dimock Community Health Center

Multidisciplinary Teams

Schools Represented

- Harvard Medical School (HMS)
- Harvard School of Public Health (HSPH)
- Harvard Graduate School of Education (HGSE)
- Harvard Business School (HBS)
- Harvard School of Dental Medicine (HSDM)
- MIT Sloan Business School (MIT)

GRANTS



CHC	CHC Mentor	Project	Participating students
The Dimock Center	Nandini Sengupta	“Novel Educational Game for Improving Adherence in Pediatric Asthma Patients,”	Matthew Cohlmia, Komal Kothari, Harpreet Sood, and Lulu Tsao
Windsor Street Health Clinic	Brian Swann	“Integrating Oral Health into Diabetes Group Visit Models: An Interdisciplinary Approach to Primary Care,”	Raina Chandiramani, George Chen, Sina Hedayatnia, Viet Nguyen, and Helen Yang.
Malden Community Health Center	Renee Cammarata Hamilton	“Reducing Barriers to Care: Reproductive Health Group Visits at Malden High School,”	Abby Kaufman, Sara Martin, and Laura Vaughan
Union Square Family Health Center, Cambridge Health Alliance	Kirsten Meisinger	“Innovative Weight Loss: Support via Mobile Technology and Social Networks,”	Shuo Deng, Christine Hsieh, Jesus Trevino, and Yu Xin.

- HMS, HBS, HSPH, Dimock CHC
- GOAL: To develop a smartphone-based game for children that tracks and rewards proper use of their asthma medications.

Team 1: Improving Adherence

Novel Educational Game for Improving Adherence in Pediatric Asthma Patients



Team 2: Group Visits

Integrating Oral Health into
Diabetes Group Visit Models:
An Interdisciplinary Approach
to Primary Care

- HMS, HSDM, Windsor Street CHC
- GOAL: To create a new model in which a dental team (consisting of a dentist, hygienist, and translator when needed) is incorporated in the existing diabetes group visits at the Windsor Street Health Center (WSHC) and trained to provide screenings, basic oral care, and oral health education in a group setting.



Team 3: Reducing Barriers to Care

Reproductive Health Group
Visits at Malden High School

- HMS, HSPH, HGSE, Malden CHC
- GOAL: To build the foundational elements of a School Based Health Center (SBHC) via reproducible and innovative methods, for the purpose of reducing obstacles to reproductive health care for Malden adolescents.



Team 4: Mobile Technology & Social Networks

Innovative Weight Loss:
Support via Mobile Technology
& Social Networks

- HMS, HBS, MIT, Union Square CHC
- GOAL: Pushing the boundaries of mobile technology applications in weight loss through a novel application of existing mobile phone sensors to passively collect environmental data, generate insights regarding lifestyle habits, and ultimately deliver real-time, actionable recommendations at the right time and place.



PROGRAMMATIC SUPPORT



Monthly Seminars

- Students receive resources and tools to advance their projects
- Leaders in project management, legal counsel, project research, and monitoring and evaluation present to the teams
- Students share experiences and provide support for each other to promote community building and peer-to-peer learning
- Each seminar has a 30 min group check-in at the conclusion



Monthly Seminar Curriculum

March

- Intro to CHCs/
Intro to Primary
Care

April

- Community
Based
Participatory/
Project
Management

May

- Conducting Focus
Groups/ How to
Create a Legal
Entity

June

- Monitoring and
Evaluation/Team
Check-In

September

- Leadership
Development

October

- Data Analysis
and
Publishing

November

- Marketing
and Scaling
Up

December

- Effective
Networking
and Talking to
Investors

Additional Support

Project Management

- An experienced public health program consultant is available to meet with student teams to review work-plans, budgets, contracts, technical plans, etc... provide input and help teams troubleshoot to move their projects along.

Administrative Support

- Provided by Center of Primary Care staff

Feedback

“The AoC program has provided us an incredible opportunity to build a novel, innovative technology at the forefront of health care strategies for behavior change. The collaboration has provided us with the chance to co-design with clinical collaborators as well as immediately receive target user feedback. Overall, our work with the Union Square Family Health community clinic has been outstanding, with support coming from staff at all levels including medical assistants, nurses, a nutritionist, primary providers, and site leaders.”

Students' working with the Union Square Family Health Center, Cambridge Health Alliance -Innovative Weight Loss: Support via Mobile Technology and Social Networks

“The process of applying for and receiving the Agents of Change Grant has given me the support, tools, and phenomenal mentors to grow as a leader and learn and improve upon skills that I will continue to use in advocacy and social justice projects. I finally feel like I have a voice; I feel empowered to be an agent of change (corny, but true).”

Sara Martin, student working with Malden Community Health Center

“The Agents of Change grant has been an opportunity to collaboratively work to improve the health in our community with a bright and talented Harvard Medical Student. Sara's leadership on the project and her dedication to improving the wellbeing of the community has been outstanding. Navigating the clinical, operational, and the all-important community environments take a nuanced approach and Sara has done this quite well!”

Renee Cammarata Hamilton
Malden Community Health Center Mentor

Important Developments

- Informed by the AoC program, over the next year, the Center will be launching an Innovation Center to create new social ventures and companies geared towards transforming how health care is delivered
 - In the future the AoC will be able to leverage this infrastructure
- Fundraising is ongoing to create sustainability for key HMS primary care programs, including the AoC



Options for Continuation

OPTION 1

Optimize program based on lessons learned from year 1 and fund a second round of 4 or more projects

OPTION 2

Fund a second round of 4 or more projects + continuation funding for 1-2 most successful projects from year 1

Documentation & Process Evaluation

Experiences

- Document the AoC process/experience in a peer-review journal

Successes

- Document AoC successes in Harvard University publications (i.e. Harvard Magazine, Harvard Medicine)

Highlights

- Highlight individual projects with blog entries, videos, multi-media