

What would Massachusetts be like without MIT and Harvard?

Sam Lipson

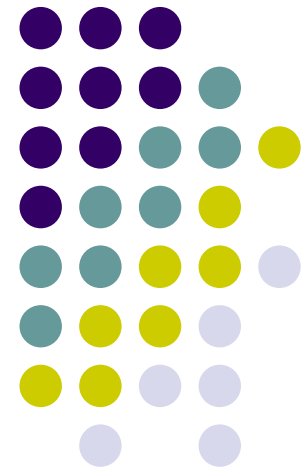
Director of Environmental Health

Cambridge Public Health Department

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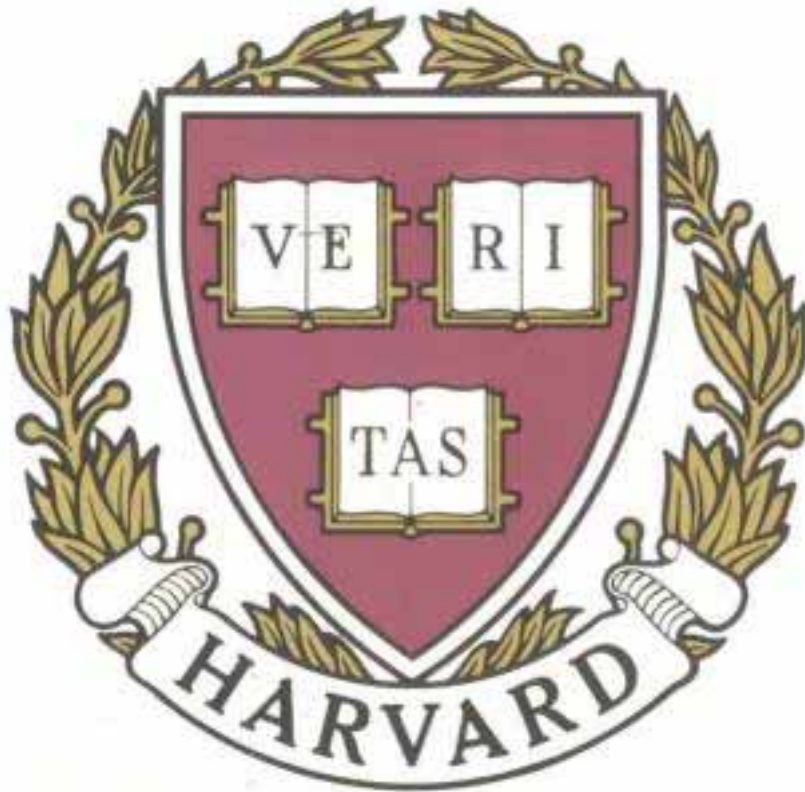
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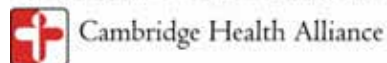
City of Cambridge

The Schools

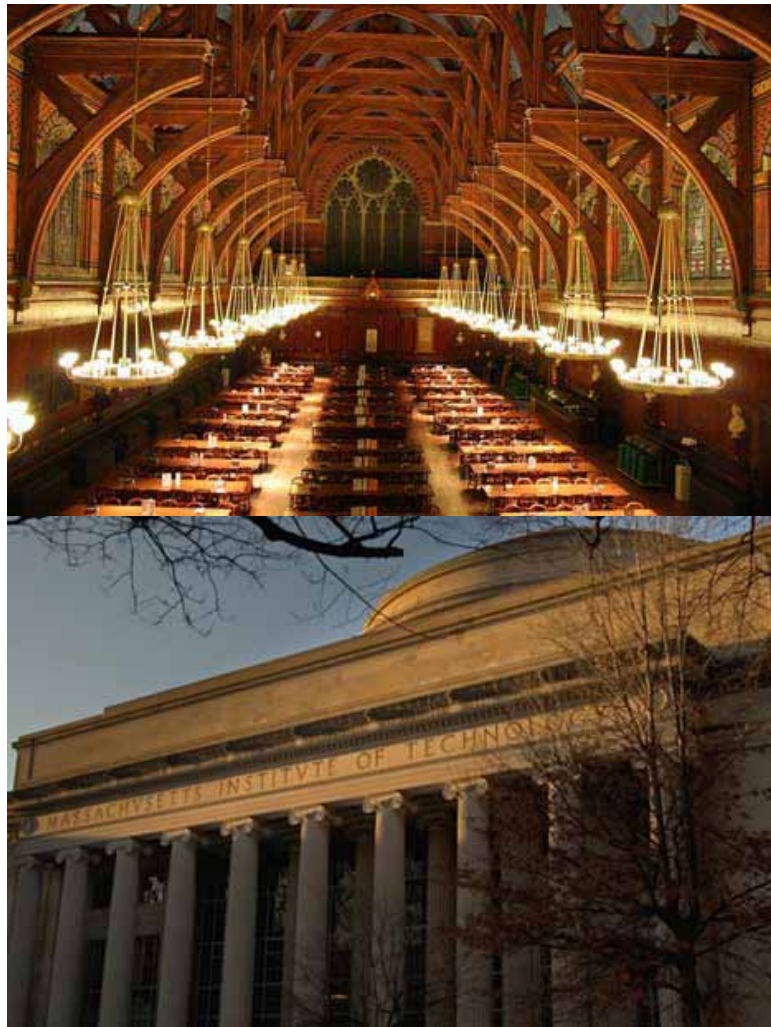
There Are More than 50 Colleges and Universities in the Boston/Cambridge Area



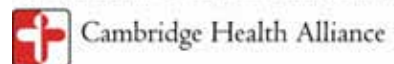
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The Schools



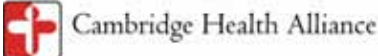
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The Place



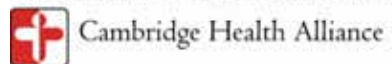
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The Place



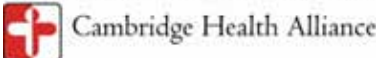
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The Place



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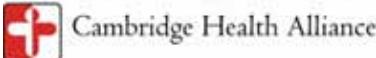


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The Weather



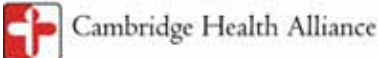
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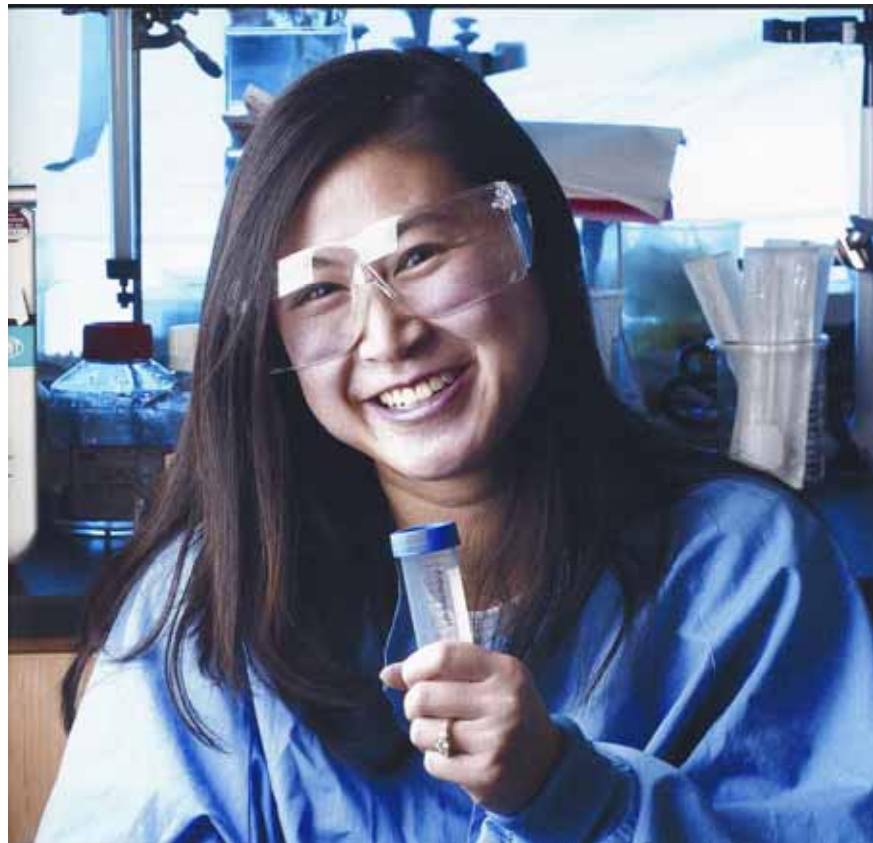
The Weather



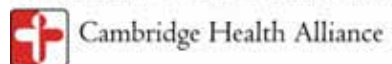
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The People



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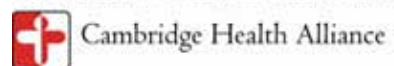


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The People



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Cambridge and Boston

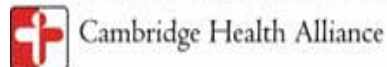
2009



The Athens of America

- Getting Rid of the Question: Impossible to Imagine
- Academic, Spiritual, Political & Technological Change
- 300-Year Old Ideas Attending 19-Year Old Minds
- City of Immigrants and Universities (50+ colleges)
- America's Only European City: A Gift and a Curse
- Literature, Music, Technology, Film & Social Justice

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City of Cambridge

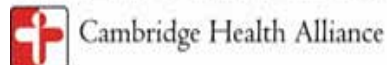
A Little Bit of History 1630 -1789



Cradle of Liberty

- Founded on Freedom of Thought and Religion
- Paradox of New England's Tradition of Dissent
- Asceticism and Democracy: Puritans and Patriots
- First Shots of the Revolution (1770)
- Abolition and the Oldest Working Constitution (1780)

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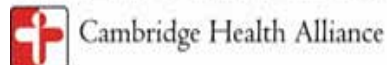
Loss of Economic Power 1850 +

Opening the American Frontier



- Boston's Ascendant Culture and Declining Commerce
- Bigger Cities, Better Transport, Era of Manifest Destiny
- Trapped by Geography, Climate and Local Self-Rule
- Loss of Shipbuilding, Textiles, Shoes, Trade, Agriculture
- Seeds of America's First Post-Industrial Metropolis

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A New Beginning

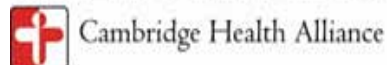
1945 -1960



Power of Ideas Give Birth to Tech Era

- Long History of Technology: textiles, medicine, autos
- MIT and military fueled computing & electronics sectors
- Surge of students after WWII: “G.I. Bill” and “Baby Boom”
- Highly educated workforce fueled publishing, finance, research, and technology sectors
- Harvard and MIT fueled biotech and nanotech sectors
- Trained Workforce Provided by 2nd-tier Schools

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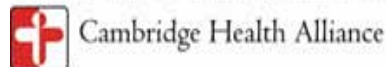
Social & Ethnic Change 1960-1980



Breaking Down the Walls

- In the Beginning: English and Portuguese (1620-1800s)
- **First Wave:** Irish, Blacks and Italians (1840s-1900)
- **Second Wave:** Jews, Greeks, Chinese (1900-1930s)
- **Third Wave:** Puerto Ricans, Dominicans, Vietnamese, Jamaicans, Haitians, Russians, Brazilians (1970s)
- **Racial Riots** Mar Boston's Liberal Image (1974-1976)
- **New Boston** Emerges: A Majority Minority City (2009)

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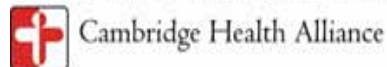
Lessons Learned: Growing Talent

Progress at a Price



- New ideas come with new groups and an “open” culture
- Conflict with traditional values is inevitable (Town-Gown)
- Creation of new wealth will bring change, displacement
- Universities only benefit a region if they create a “bridge”
- Talented individuals only stay if they feel invested
- Old and new cultures are often seen as “zero-sum”, but there must be a balance that sustains the community

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¡Buena salud!



Sam Lipson
Director of
Environmental Health

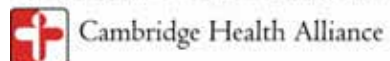
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