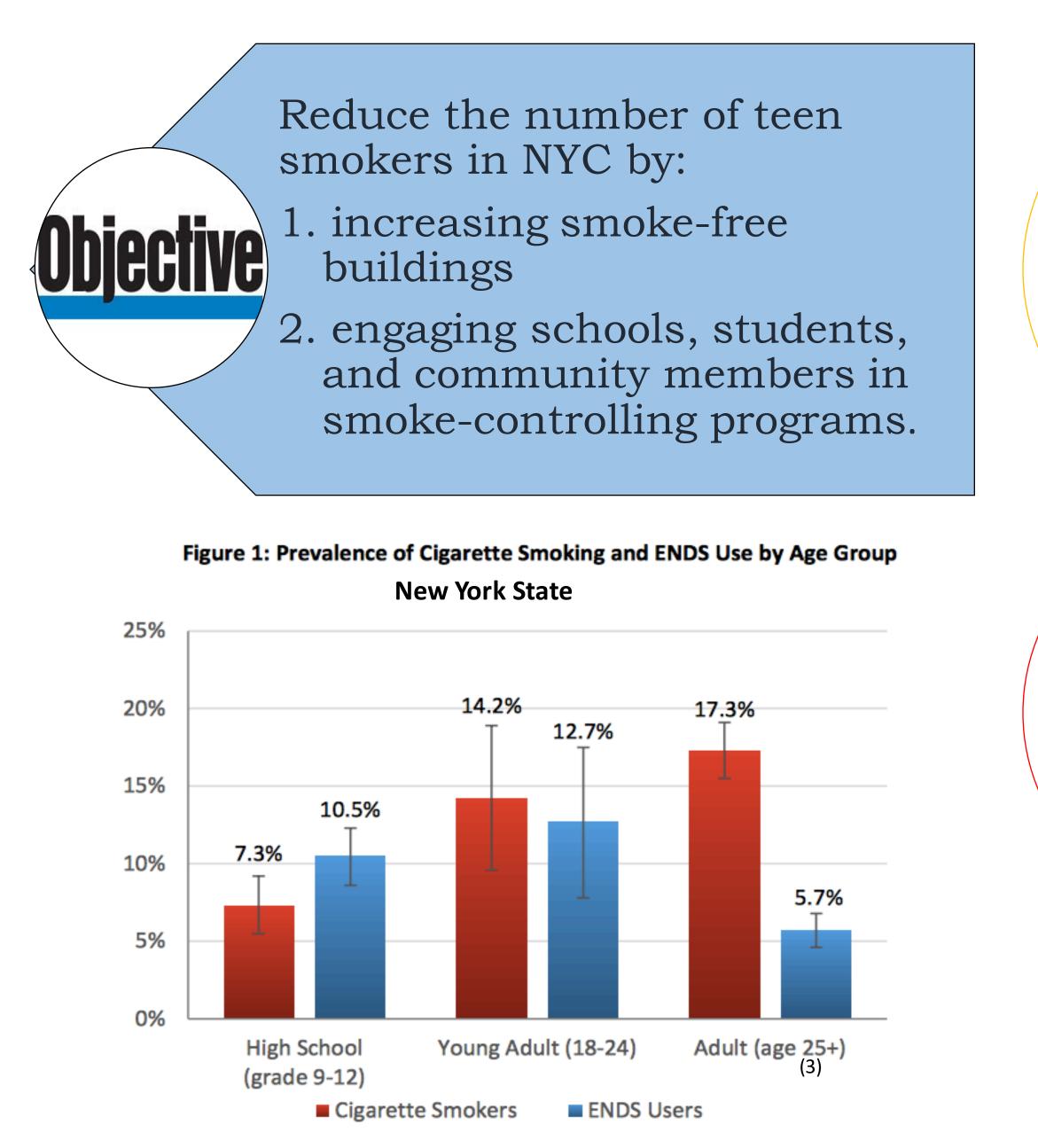
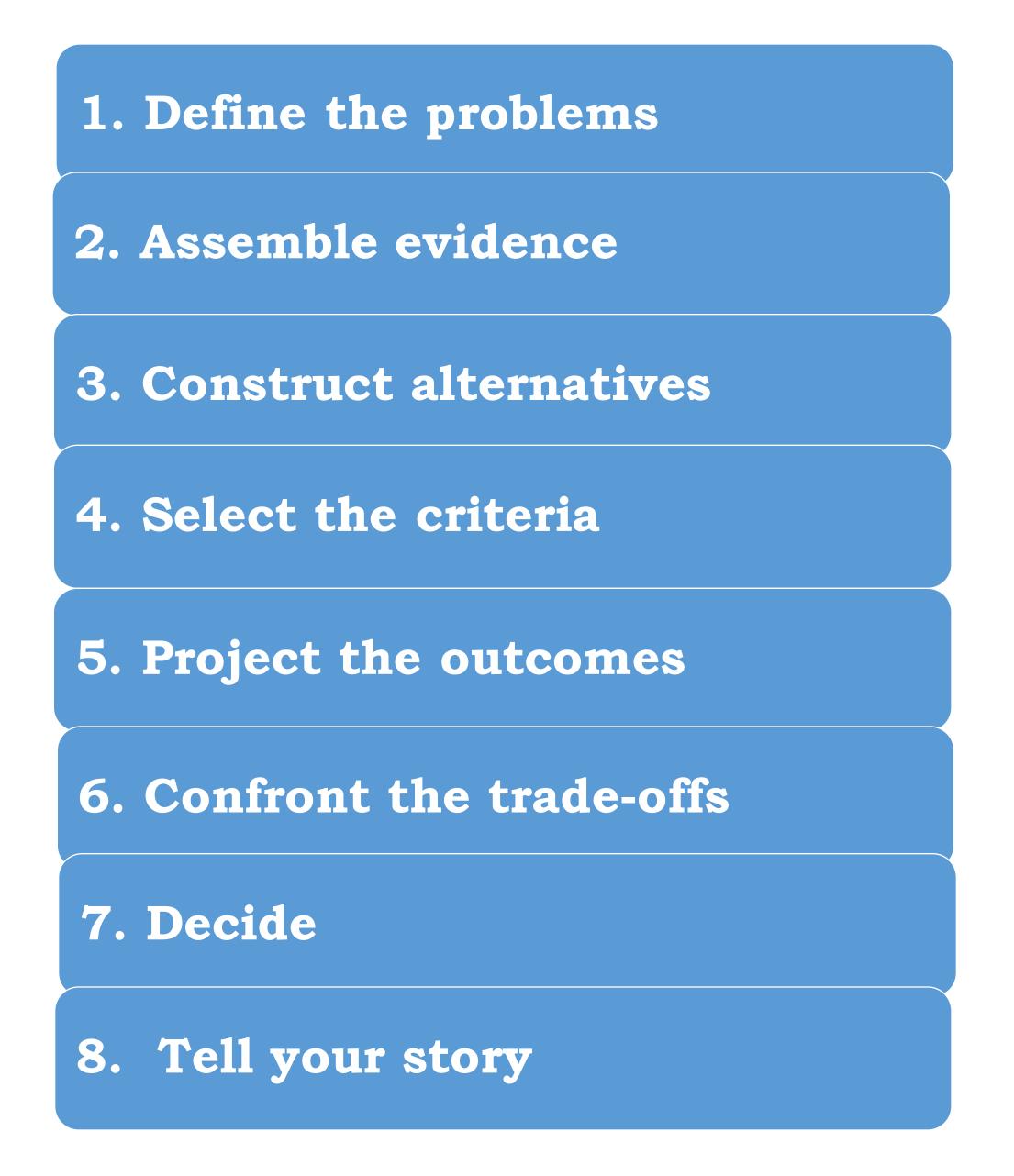
# Engaging communities through schools and housing to reduce teen smokers in NYC Tsering Yangki Gyakhang, Health Sciences-Planned Clinical Emphasis ('19)



## Methods

The Bardach Eightfold Pathway was used to guide an extensive literature review and legal research to construct Congressional Testimony for the Senate HELP Committee.



54% vs **32%** those who live in high poor areas smell smoke vs low poor areas

public high school students smoke cigarettes

Problems

15,000

37% vs **24%** of NYC residents are exposed to secondhand smoke vs the national rate

> 200,000 children encounter secondhand smoke

\$10.39 billion NYS health care cost due to direct smoking

### **Evidence**

- Public health education campaign will be successful because California achieved the second lowest smoking rate in the nation using a similar program<sub>(2)</sub>.
- Utah has the lowest smoking rate in the United States as they have banned smoking in almost all public places(6).

### References

1. Farley S, Dragan K, Hinterland K, Stalvey L. (2018). Secondhand Smoke and Smoke-Free Housing in New York City. NYC Vital Signs. Retrieved from

https://www1.nyc.gov/assets/doh/downloads/pdf/survey/smoke-free-housing.pdf 2. Lee, J. J. (2011, July 13). California's adult smoking rate at a record low. The Mercury News, Retrieved April 08, 2018, from https://www.mercurynews.com/2011/07/13/californias-adult-smoking-rate-at-a-record-low/ 3. Prevalence of Cigarette Smoking, Use of Electronic Nicotine Delivery Systems, and Dual Use by Youth, Young Adults, and Adults in NYS. (2014). Department of Health, Retrieved from https://www.health.ny.gov/prevention/tobacco\_control/reports/statshots/volume8/n5\_cigarette\_ends\_and\_dual \_use\_2014.pdf

4. Smoking and Tobacco Control Laws. (n.d). NYC Health, Retrieved from

http://www1.nyc.gov/site/doh/business/food-operators/smoking-legislation.page 5. The Toll of Tobacco in New York. (n.d). Campaign for Tobacco-Free Kids. Retrieved from www.tobaccofreekids.org/problem/toll-us/new\_york.

6. Tobacco use in Utah. (2017). Truth initiative Inspiring Tobacco-Free Lives Retrieved Retrieved April 08, 2018, from https://truthinitiative.org/tobacco-use-utah

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### 12,000

NYC residents are killed by tobacco each year

### \$1,430

spent by NYS households annually for health care costs related to smoking

### \$191.1 million spent by

tobacco industry in NYC

### Alternatives

- Construct a program specifically in schools to educate teens about the effects of cigarettes, e-cigarettes, and other vapors.
- Awarding the top 10 high schools biennially within the boroughs which have successfully accomplished their goals of educating teens and decreasing number of teen smokers in their school.





### Outcomes

- Prohibiting smoking in building and near entrances will decrease the smoking rate among teens.
- Offering help to these communities, and recognizing their effort to make our community smoke-free, will incentivize more units to change their policies regarding smoking.
- Holding educational meetings will decrease the rate of parents' as well as high teen smoking

### Next steps

- Collaborate with schools and teen leaders by reaching out immediately to all school principals in New York City to engage them and interested students.
- Educate teens and community members about the effects of smoking every year.
- Analyze the student smoking rate data for further verification to measure the success of our program.

