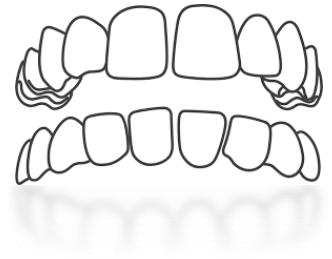
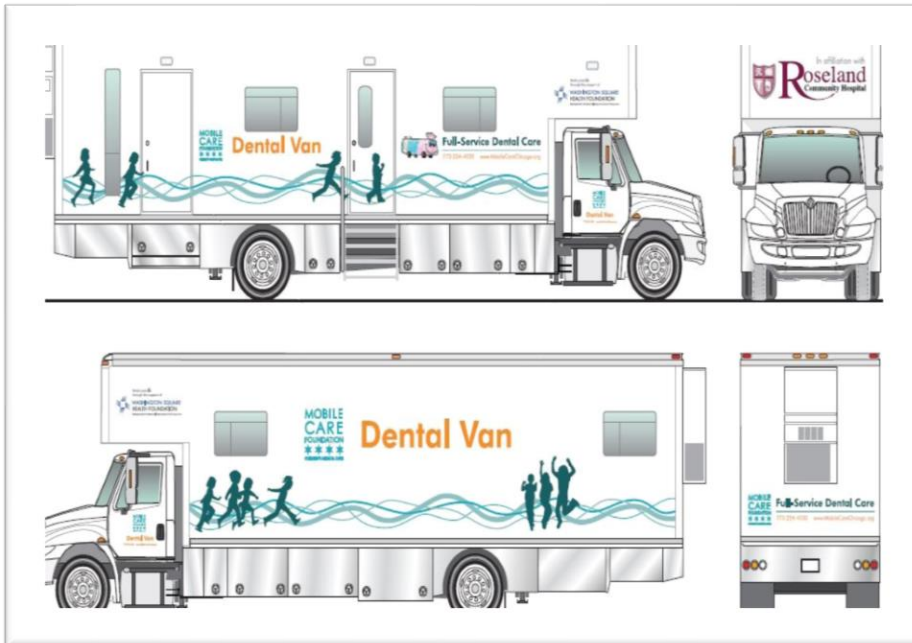


STUDIO DENTAL

Proposal submitted by CEO : K a k a e s h a S u c a h y o



College students are reported to have trouble accessing and affording dental care as they attend classes. **Studio Dental** is a mobile dental clinic that strives to provide dental care for college students on college as they work to make a difference in the future.



Affordable and Accessible Dental Care for College Students

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HISTORY OF ORGANIZATION



In 2016, Studio Dental was established to increase awareness for the dire need of dental services amongst the public. Previously, Studio Dental would cycle between different neighborhoods every 3 months, as well as post our schedule and locations through our website for members of the community to access. We hope to expand our services by creating a mobile branch to specifically target college students. Studio Dental works with licensed dentists, dental assistants, and supervised dental students to bring dental care and dental education for colleges.

OUR MISSION

Studio Dental strives to increase the awareness of the importance of oral health, as well as serve as an affordable and accessible dental health resource for all college students. By minimizing the barriers to good dental health, we hope to prevent the development of dental diseases and improve the overall wellness of college students.

OUR VISION

Studio Dental will achieve health equity within the public and improve the dental health of college students by bridging the gap between health care and Montgomery College students.



OUR CORE VALUES



HISTORY OF DENTAL HEALTH IN COLLEGE

Healthy People 2020 is a national program that focuses on health promotion and disease prevention initiatives based on national health concerns. Current objectives related to dental health include reducing the proportion of individuals with untreated dental decay, increasing the number of school-based centers that treat oral health, and increasing the number of adults that receive preventative dental services. According to Healthy People 2020, “people who have the least access to preventative services and dental treatment have greater rates of oral diseases.” Barriers to dental services may include limited access to and availability of dental services, lack of awareness, and cost.

In 2015, 54.5% of individuals aged 2-17 visited the dentist that past year, while only 35% of individuals aged 18-44 visited the dentist in the same timeframe. Based on this data, adults are less likely to visit the dentist and receive the dental care. **College students are at increased risk for poor oral health due to various factors, such as risk-taking behaviors, busy schedules, inadequate insurance coverage, and limited access to dental services.** Lifestyle behaviors, such as alcohol consumption, tobacco use, and poor nutrition also contribute to poor dental hygiene. Although college campuses usually provide on-campus health services for students, dental treatment is not usually included.

INQUIRY

1. How often do you think about your oral health?

Student A: “Every time I’m scheduled for a mandatory teeth cleaning.”

Student B: “When there’s a problem, or every 6 months.”

Student C: “Every 6 months unless there’s a problem.”

2. Have you visited the dentist this year? If not, what barriers are stopping you from receiving dental care?

Student A: “I have visited the dentist this year at the VA in Washington D.C.”

Student B: “I have seen the dentist this year.”

Student C: “I have, but lack of insurance would be a barrier for me”

3. Do you think college students would benefit from having a mobile dental clinic visit the campus for a span of 2 weeks every semester?

Student A: “I wholeheartedly believe that having a mobile dentist office available to college students is a phenomenal idea. It provides the students with a great assurance that their oral health is at an optimal level.”

Student B: “Yes because dental work can be expensive, and many students have poor insurance or none at all.”

Student C: “Yes, helping a college student financially goes a long way.”

PURPOSE OF PROPOSAL

Studio Dental is seeking funding to support the development of a pilot mobile dental clinic. Montgomery College helps to facilitate educational success in students by granting free access to online resources, free Microsoft Office, and tutoring sessions. This college also values the nutritional health of students by bringing fresh groceries via the Mobile Food Pantry. By investing in Studio Dental, we can assist students on their journey to future success by promoting dental health, as well as support national health objectives as implemented by Healthy People 2020.

Studio Dental would come to Germantown Campus for a span of 2 weeks every semester, thus providing a wide timeframe for students to walk-in or make an appointment for checkups and treatment. Funding would cover the development of the mobile dentistry, creation of the organization's website, salary for staff, pamphlets and posters for promotion of Studio Dental, raffle tickets, three Waterpiks as prizes for raffle winners, and eco-friendly dental kits for all students. Dental kit would include a bamboo toothbrush, reusable floss holder, eco-friendly floss, and small tube of recyclable toothpaste.



INTRODUCTION

College students are at high risk for dental related conditions due to poor access to dental facilities, insufficient funds to afford dental care, and unhealthy lifestyle behaviors. As college students learn to become independent by managing their own time, finances, and health, they begin to form lifestyle habits that shape their overall health. Poor health directly impacts an individual's learning capability, and more colleges and universities are working to provide on campus health centers for students to support their educational success.

BACKGROUND

According to Healthy People 2020, one of the high priority issues regarding oral health is the number of individuals who use dental health services in the United States. Data from Healthy People 2020 suggests that adults' ages 18-45 who visited the dentist in 2015 is only 35%. Individuals with poor oral health are at risk for diseases such as dental cavities, gum disease, gingivitis, infection, and oral cancer. Oral health conditions are linked to systemic conditions, such as heart disease, pneumonia, osteoporosis, osteopenia, diabetes, and HPV. Healthy People 2020 is striving to improve the number of individuals going to the dentist by at least 10% by 2020.

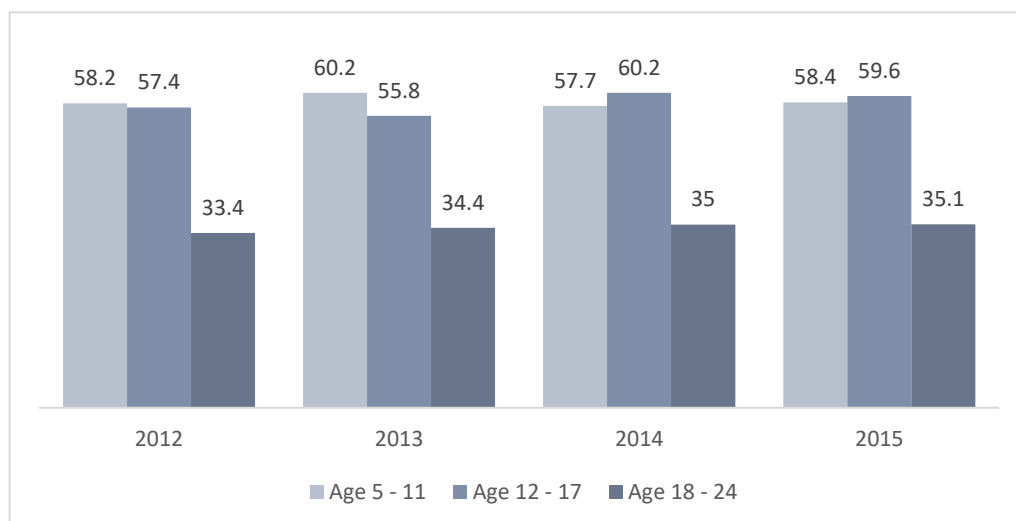


Figure 1 Children, adolescents, and adults who used the oral health care system in the past year

COMMON THEMES

LACK OF FINANCE AND ACCESS

There is great economic concern for college students. The number of individuals with dental insurance is decreased, which affects their ability to acquire and maintain access to dental health services. In addition, some students experiencing food insecurity may also struggle to afford toothbrushes, toothpaste, and dental floss. In addition to lack of finance, there is a lack of access to health centers that treat dental health. Colleges may provide on campus health centers, but rarely do they include dental health services. In the United States, there is also a shortage of dental professionals.

LACK OF AWARENESS FOR DENTAL HEALTH

Healthy People 2020 states that there is a general lack of health literacy in the US. This implies that most individuals have difficulty obtaining, processing, and understanding health information requires to make important health related decisions. College students tend to search online for health advice, but there may be a lack of initiative to understand oral health needs until there is an actual problem.

COLLEGE LIFESTYLE HABITS

College students are known risk takers. This is a period in their life where they must take responsibility for their time, finance, and health without parental assistance. Individuals are prone to poor nutrition, increased alcohol consumption, and use of tobacco products, all of which contribute to poor oral health conditions.

CONCLUSIONS

In conclusion, college students are at increased risk for dental health diseases due to economic factors, lifestyle behaviors, and lack of access to services. Students don't have adequate health literacy to understand health information and the steps needed to maintain their oral health. College students are also risk takers who are prone to unhealthy lifestyle behaviors that lead to poor health outcomes. By increasing understanding of health, students may choose to adopt better lifestyle practices. There is also a shortage of dental professionals available to provide dental health services to the public.

RECOMMENDATIONS

Colleges and universities can health improve national oral health and support their students by providing on campus dental health services either through their campus health centers or mobile dentistry's. My recommendation would be to provide free checkups and teeth cleaning, and reduced rates for further treatment services to students through an on campus dental health site. Mobile dental clinics that come to campus every semester would be beneficial to students, so they are able to manage their time effectively. Raising awareness for dental health on college campuses through educational seminars would also help to improve lifestyle behaviors and prevent habits such as poor nutrition, smoking, drinking, and various other habits that contribute to poor dental health. Educational health seminars would also help to increase health literacy amongst students, thus improving their ability to understand and maintain health practices.

TIMELINE FOR IMPLEMENTATION

Proposal

- Present proposal to committee on Dec. 2018
- Acceptance of proposal and funding on Feb. 2019

Production

- Purchase mobile dentistry
- Develop organization website
- Recruit licensed dentists, dental assistants, hygienists, receptionists, a manager, and health volunteers
- Train employees

Promotion

- Launch organization website for scheduling and survey
- Hand out pamphlets, posters, and raffle tickets for a Waterpik
- Purchase Waterpiks, toothbrushes, toothpaste, floss, and floss holders

Pilot

- **Studio Dental debut at Montgomery College Germantown campus by Fall 2020**
- All student patients must fill out evaluation survey
- All employees will fill out a separate survey

Evaluation

- Analyze student and employee responses to pilot project
- Review highlights and shortcomings of the project
- Determine interventions for future improvement
- Develop plan to visit Takoma and Rockville campuses

APPENDICES

APPENDIX A

GLOSSARY OF TERMS

Dentist: an individual who specializes in the study of dentistry. Dentists work to diagnose, prevent, and treat dental conditions.

Nutrition: a branch of science that studies the relation of food intake to the maintenance, growth, reproduction, and overall health of the consumer

Dentistry: a branch of medicine that studies, diagnoses, prevents, and treats conditions related to teeth and the oral cavity. Dentistry is parallel to the study of oral health.

Dental caries: a condition in which bacteria in the oral cavity produce acid, leading to the decay of tooth enamel. Dental caries, also known as cavities, take form as tiny holes on teeth. This may result to pain and difficulty eating.

Lifestyle behaviors: daily habits that influence overall health.

Smoking cessation: the process of discontinuing smoking behaviors.

Healthy People 2020: a public health program developed by the US Department of Health and Human Services to combat nationwide health issues to promote health and prevent disease.



APPENDIX B

APPENDIX C

RELATED DIALOGUE

“I'm a college student with no health or dental insurance, what are my options?”

“It is not unusual for college students to have no insurance coverage of their own, but that does not change the fact that everyone should have dental and health insurance. For college students, the options for insurance coverage are several, including group coverage through the school or simply remaining on their parents' coverage until they graduate. The problem is, very few college students realize there are choices available, and either pay too much for coverage because of the risks associated with being young or have to struggle through without any coverage at all.

The easiest option, if your parents have insurance, is for you to remain on their coverage. Unlike many other things, insurance does not automatically terminate when you turn 18. By law, you can remain on your parent's insurance plan until you are 26, even if you graduate before your 26th birthday. The exception to this law is that you cannot remain on your parent's insurance if you are not in college and no longer at your parent's home. In that situation, you will have to get your own coverage.

The next choice is to purchase insurance through the school's group insurance plan, if one is available. Many universities offer group health insurance to full time students, but they may require you to live on campus or have other conditions that must be met. It is also possible to purchase group health or dental coverage through other organizations if you qualify, such as buying coverage through AAA...”

“...If you cannot remain on your parents' coverage and there is no group insurance available, you could look into buying individual health or dental insurance, but the rates for individual coverage tend to be much higher and individual plans are often a lot more conservative, requiring a physical examination or refusing insurance to people with certain preexisting conditions.

If no other options are available, you may qualify for coverage through a government sponsored plan such as Medicaid. In order to qualify, you will have to meet the requirements for coverage, which usually means that you cannot have access to coverage from your parents or the financial ability to purchase individual coverage. Medicaid is a federal insurance program that is managed at the state level, and is typically only available to people with little or no income, which includes a large number of college students who are on their own for the first time.”

<https://usinsuranceagents.com/answers/995/college-student-with-health-dental-insurance-what-options>

APPENDIX D

APPENDIX E

BUDGET

| Product | Amount | Cost/per unit | Total |
|-------------------------------------|---------------------------|---------------|-----------|
| Mobile dental truck | 3 | \$150,000 | \$450,000 |
| Website development | 1 | \$1000 | \$1,000 |
| Salary for employees | 80 hrs/2 weeks | \$75/hr. | \$17,760 |
| • Dentists (3x) | 8 hrs/day | \$16/hr. | \$7,680 |
| • Dental assistants (6x) | | \$14/hr. | \$3,420 |
| • Receptionists (3x) | | \$20/hr. | \$1,600 |
| • Manager (1x) | | | |
| Gas | 150 gal. 50 gal./truck | \$3.00/gal. | \$450 |
| Pamphlets | 500 | \$0.27 | \$135 |
| Posters (Matte paper, 24x36) | 200 | \$18.80 | \$3,760 |
| Double raffle tickets | 1 roll | \$9.50 | \$9.50 |
| ADA approved Waterpik | 3 | \$80 | \$240 |
| Bamboo toothbrush | 500 | \$0.97 | \$485 |
| Eco friendly travel size toothpaste | 500 | \$0.84 | \$420 |
| • Recycle tubes via Terracycle | | | |
| Eco-friendly floss | 500 | \$8.95 | \$4,475 |
| Reusable floss holder | 500 | \$2.06 | \$1,030 |

TOTAL REQUESTED BUDGET: \$492,464.50

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