VIRGINIA COMMONWEALTH UNIVERSITY



Application of Whole Health Using the Donabedian Model During COVID-19 at Veteran Administration Facilities Lynnsey Boldt, Dr. Christine Booker CHS Department of Kinesiology and Health Science

Abstract

Veterans Affairs is a specialized form of healthcare as it is dedicated to those who have provided military service and those affiliated with them. The aim of this project is to define three forms of healthcare administration; holistic health, person centered care, and whole health, and identify the practice at the VA. The Donabedian model will be used to analyze the application of the Veterans Affairs administration of health care (Whole Health). This project seeks to identify what stages of the Donabedian Model continued to be assessed at the flagship sites during Covid-19.

Introduction

Holism, termed by Christian Smutz, is the practice of viewing the body as a whole rather than as individual parts. Maintenance of the body is accessed in the form of a patient's physical, social, mental, and spiritual wellbeing because ill symptoms are the result of something being off balanced. Patient centered care, first introduced in the 1900's by Carl Rogers, serves the objective that the patient is the expert in their care and is given the power to choose what is right for them. The goal of patient centered care is that giving a patient the power to choose will increase patient compliance and therefore, increase the patient's quality of life. Finally, whole health began implementation in 2017 and embodies health in all areas- physical, social, emotional, and spiritual.

Methodology

This project seeks to identify what stages of the Donabedian Model continued to be implemented at the Veterans Affairs locations initially selected to implement Whole Health, termed flagship sites, during Covid-19. The Donabedian model provides a framework for examining health services and evaluating quality of health care through three measures; structure, process, and outcome. The structure measure is the process a facility will instrument to provide high quality-care and is the basis for the process measure (what will be done to implement high-quality care) and the outcome measure (the impact the care will have on the patient). A patient coming to the VA for care will be asked to complete a personal health inventory as means of assessing eight areas of self-care identified in the VA's Circle of Health depicted below. The process of identifying the patient's desires aligns with the Donabedian's structure measure.



Results/Discussion

A publication from The Comprehensive Addiction and Recovery Act (CARA) reported there was a correlation between opioid addiction and veterans. This finding stimulated the push for Veterans Affairs to provide more integrated care. Veterans Affairs designated various locations as design sites to develop what would embody a Whole Health model. Across the United States, there are 170 VA facilities. Eighteen of which were dedicated as "flag ship" sites to begin implementing Whole Health in 2017.

Conclusion

It is unclear how the VA will follow through with the patient's personal health inventory to achieve goals and facilitate a better quality of life during the COVID 19 pandemic, More research will need to be done to identify how the process and outcomes will be achieved.

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Comparing Age-Group Trends in COVID-19 Cases Across Virginia Heath Districts

Virginia-Maryland

Rachel A. Silverman, PhD, ScM1

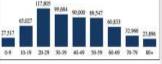


Background/Purpose

•COVID-19 transmission varies by population characteristics and region.

- ·Publicly available health department data can help the public understand transmission dynamics in real time to inform behaviors and public health responses to mitigate the spread.
- This work demonstrates how publicly available COVID-19 case data can be used to explore age-group specific trends within and across Virginia health districts.

Cumulative Cases by Age Group Presented on the VHD COVID-19 Dashboard



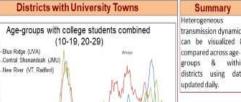
Methods

- ·Total COVID-19 cases by health district in 10-year agegroup increments from 0 to 80 years are publicly available and updated daily on the Virginia Department of Health (VDH) website.1
- ·Calculated weekly total new reported cases by agegroup and district.
- Developed an interactive Shiny App2 to visualize and compare epidemic trends
- Visualize new reported cases over time by health district, and combinations of health districts, and combinations of age-groups

Limitations

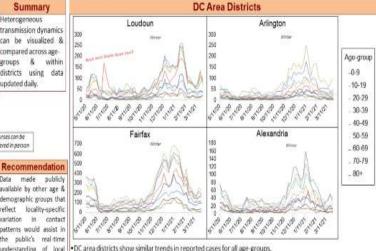
- Report date may not reflect infection or symptom onset date trends and could be impacted by variation in testing and reporting delays.
- Cases are assigned to location based on residence and may not reflect where transmission occurred.
- · Age group was missing for 3% of total patients in VA.

Number of New Weekly Covid-19 Cases Reported for Select Health Districts



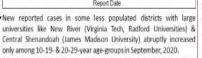


ffered in person



Data made publicly available by other age & demographic groups that reflect locality-specific variation in contact natterns would assist in the public's real-time understanding of local transmission dynamics.

 DC area districts show similar trends in reported cases for all age-groups. Variation in age-groups with the most cases: 40-49 in Loudoun, 20-29 in Arlington & Fairfax, 30-39 in Alexandria.

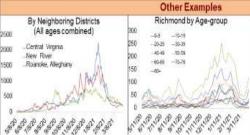


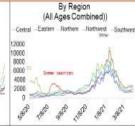
 Trends did not correlate w/ large increases other age-groups in these districts, but may be some small increases in following weeks.

All other age-groups combined

(0-9, 30-80+)

· Cases did not increase as dramatically in Blue Ridge (University of Virginia) or other districts without large state universities that reopened in Fall, 2020.





Interactive Web Application: https://wrightrc.shinyapps.io/VDH-COVID-data/

1. COVID-19 Data: Data Download, https://www.vdh.virginia.gov/coronavinus/ W Chang, J Cheng, J Allaire, Y Xie, J McPherson. Shiny: web application framework for R. R package version, 2017

Blue Ridge (UVA)

1400 - Blue Ridge (UVA)

-Central Shenandoah (JMU) -New River (VT, Radford)

\$ 300

₹200

1200

000

800

600

Thank you to Dr. R. Clay Wright for assistance developing the Shiny App. We thank VDH for providing updated COVID-19 data on their website.

For further information, please contact Dr. Silverman at rsilverman@vt.edu

- Add additional user interface features for additional flexibility.
- Develop similar tools for: Rates, Race/Ethnicity, Vaccine Coverage
- ·Can be used to evaluate policies and compare impact between locations.
- Can be used to inform public health response



COVID-19 Trends & their Impact on Populations in Portsmouth, VA



Arnell Jackson Jr.

Abstract

The COVID-19 pandemic has significantly impacted the daily activities, health, security and general well-being worldwide. The Portsmouth health district has placed emphasis on identification of occurrences of health disparities within the city's population.

Introduction & Purpose

The Portsmouth Health Department (PHD) is a compilation of various community initiatives designated to deliver advocacy, health education, and services to its residents. The goal of this project was to identify COVID-19 trends of the residents of Portsmouth, in comparison with other Hampton Roads health districts, and create a health communications plan.

Methods

 Quantitative comparison of Portsmouth and Hampton Roads COVID-19 trend comparisons utilizing the VDH public database by age, sex, race, and vaccine status.

Results

Health District	Total Positivity %		Completed Vaccination	
Portsmouth	12.57	By Ethnicity	White (5,135) Black (4,281) Letino (252) N. Am (16)	
Chesapeake	11.22			
Va. Beach	8.82			
Norfolk	8.60			
Western Tidewater	10.51	By Sex	Female (8,542) Male (5,417)	
Peninsula	7,87			
Hampton	9.67			

	Age (Grp)	Sex	Ethnicity
Cases	20-29	Females	Black
	(1,408)	(4,085)	(3,703)
Hospitalizations	70-79	Females	Black
	(129)	(311)	(388)
Deaths	80+	Males (73)	Black (85)

Discussion

The purpose of the project was to determine potential populations facing health disparities due to the COVID-19 pandemic. The PHD plan targeted future COVID-19 interventions and how to best serve the populations at greatest risk. Findings were utilized to tailor the development of a health communication plan and help obtain a grant opportunity that would provide funds to put the plan into action. The health communication plan was developed to increase health literacy concerning the COVID-19 vaccination to counteract larger levels of misconceptions and mistrust of the vaccine. It important to note that the data does not reflect current COVID-19 trends.

Potential IPE

Direct interactions with other professional did not occur due to COVID-19 impact. All interactions were via email correspondence. The health communications plan could potentially be utilized by community/outreach workers to distribute and disseminate the importance on receiving COVID-19 vaccinations.

Acknowledgements

Thank you Anne Dumadag, MPH, Population Health Planning and Improvement Coordinator, for your guidance and assistance through these trying times and to Dr. Kim Baskette, Ph.D., CHES for a push in the right direction.



Effects of the Pandemic on Nursing Schools in Virginia

Benjamin Gersbach, Dr. Christine Booker Virginia Commonwealth University

Abstract

one: Thus winds cames to discovery whether students are observing to apply to rate our, who disc o of this incommunity that pundoints has brought, and have those randourn might company to the advance measures in the sense of Virginia.

proposition designs in the same of Figures.

**Methods: Every designs, control, and Every Dissociations receiving Programs in Viginar versions and and sold the Killering patients. It likes the control of terminal programs for the patients of the patients

*Constitution: VIII that expressed natures, it is appropriated that this well also natures for comparition in Boscolateness Nowing programs, expectably when crosslating the backet experiences of the notice applicates that is the lock of valuation and estimately opposite SOR tensors of CEPCES 19

Introduction

 $\ensuremath{\square}$ The Coronaxinus Pundersic has completely disrepted the lives and routines of everyone, most of all: frontline workers. In doing so, saidelines have been rewritten and countless procedures have been changed to accommodate this paralentic. It has also shined a light on several problems the healthcare industry has been starting down for years such as the Nursing shortage and Telehaulth disparities. The need to address these problems will only continue to exponentially increase and may lead to radical changes in medicine (Wang, Bhatt, 2020). One report found that traditionally, in times of recession with high unemployment. college extrolinent surges. However, in the state of Washington extrolinest have in fact fallen almost 12% overall (Kwakye, Kibert-Crocker, Landgren, Paison, 2021, 5-6). In commut, by looking at medical achool adminious, some research suggests that virtual interviews lowered requirements may make programs some more accessible for applicants.
(Blust, Blust 2020,1-2). Bosed on the available research, there is a need to address the shortages in numbing ochool admissions as well. The purpose of this study is to see what effect the pendornic has had on Naming school applicants in the state of Virginia.

Methodology

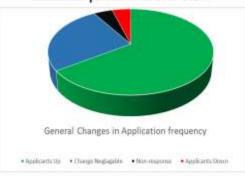
☐ Using a mixed Nethods approach, the primary method of gathering information seasthrough two dichotomous questions. Over the source of several weeks, even admissions department of each Numera Program currently offering a baccalian size degree in Virginia were surveyed and asked the two research questions. This was done either directly over the phone or via email when necessary, as many departments are now either working at horse or temporarily furloushed. Depending on the answer to research on two, subsequent qualitive data was collected

Results/Discussion

- ☐ When Responding to RQ1, of the 23 Nursing BS programs sampled, 13(23 or 65.2% saw as increase, 6(23 or 26.1% saw to change, 1/23 or 4.3% saw a decrease, and 1.23 or 4.3% Chose Not to respond.
- □ When Responding to RQ2, of the 23 Norsing BS programs sampled 1% changed their process on some Level, 11/25 or 48% made No changes, and 3/23 or 13% Chose Not to respond.
- ☐ Of the 9 schools that had made changes the responses were as follows. 4 waived testing requirements. 3 made simple electronic formatting changes 1 had a major overhaul of tech dose, 1 offered completely remote TEAS testing services, and I lowered GPA entry requirements

Research Questions

- 1. Have the number of Nursing applicants changed from 2019 to 2020? (yes or no)
- 2. Have there been any changes to your admissions process from 2019-2020?



Conclusion

- One would think that in the middle of such aconomic hardship; College and Naming School admissions would stagger or full significantly, my findings however, have indicated otherwise for the state of Virginia. With the job market suddenly being flooded with experienced useinglayed or farloughed applicants, data suggests more and more students are considering extra schooling. This has a few entical implications for future and currently applying studients. Though a significant percentage of programs have related requirements, this is likely to serve only so make these programs even more competitive and increase the value of whatever limited skills the applicants may have gained through prior experiences.
- This approach had seenal Lineatons, therefore, this is a pilot study.

 Small Sample use being the first at a low of just 23. Due to the relatively small simulate of the study, a quantitative approach was used to record. nesponses. In addition, several of the arrivariaties were not able to provide many estranous details beyond the question itself. In many cases a change was able to be confirmed, however the exact quantity of change remains mostly unknown. Overall, the quantity and quality of responses receeded expectations.
- This conclusion is reinforced by the fact many of these schools easily fill their programs with qualified students, turring away abroat as many qualified applicants as they admit. In the figure, it would be interesting to compare this data to the eithre East Coast, or the country. Considering a different leve, when it comes to lighting the spread of Covid-19, Virgania did relatively better than scene states such as Florida, Taxon and California and it would be interesting to see what the admissions rates were in these states to see whether the responses seen response was a direct result of COVID-19 isself, or a repairno aconomic effect of statewide structural changes due to the lockdown, etc. It is likely that the

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Acknowledgements

I sould like to thank Dr. Sooker liet hat manisolds afrom the has given our thoughout the recounts process, and for the opportunities the has provided our over the part from months to develop and explain my career options.



Evaluating the Effects of the COVID-19 Pandemic and Telehealth on University Student Access of Mental Health Resources

Grace Duncan Graduate Program in Public Health, University of Virginia

Background

- The cust of the CCVID-19 pandentic and residing change in lifestyle elicited many concerns about mental health and provision of mental health-services.
 In Spring of 2020, most colleges shifted students ratirely minus and removed in-person services, including university mental health services.
- Early surveys conducted by universities reported. significantly higher incidence of amore, depression, and other mental health issues among college students.
- Prior as the COVID-19 pandents, neitransfirms had been gaining traction as solution to aurecross health system issues including cost, physical barriers, and provider shermages
- However, disparities in access oner spitchly identified, primarily gestatic patients, those with poor internet access, and those in arrell of nour internive treatment.

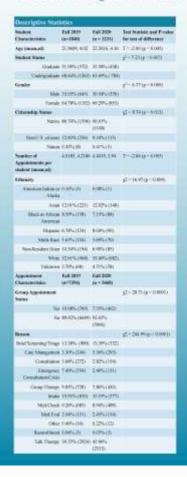
Objective

To examine her changes in student and appointment demographics at a large public state university's Student Health Counseling and Psychological Services program during the OOVID-19 pandentic at many students returned. house and all appointments transitioned to telebraith.

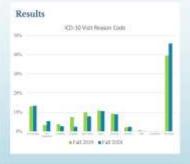
Methods

The University Student Health and Welmon Center (SHW) is a fully accordined healthcare facility and the primary outpatient medical ritric for the univenity materix

- Controlling and Psychological Services (CAPS) in a admertion of SHPV and provides controlling, psychiatry, care management, erisis apport, and mental licalth
- outerach services to students.
 Soudent health data was linked and de-identified using the IRB-approved Student Boath Research Database
- Health data (ICD-19 classification for muson visit, there of visit, provider sees, etc.), made in demographics (e.g. age, narc, extremship, tas dependency), and academic information (you; academic program, etc.) were provided in a de-identified darset.
- . Chi squared and two sample trimm were performed to SAS to evaluate the change in health, demographic, and academic attributes CAPS triffiers before and during the pantlemic shift to virtual visits.







Conclusion and Recommendations

- CXPS has continued to serve a large student pocalation
- CATS has continued to serve a large student population throughout the paradism date a shift to solely virtual mental boalth appointments.
 Early analysis of appointment data to facuses that there may be benefit to a virtual appointment model including improved access, case of attenting appointments, and more appointments deficient to safe therapy.
- However, they also bring up concerns that some groups are not adequately reached by services that are only provided virtually. Men, younger students, some minority group, and those in critic shudino are among those groups who now significant derreases in the proportion of visits during the shift to telehealth.
- In continuing telementries offering during and after social distancing guidelines are related, efforts should be made to ensure equitable coverage.
- Limitations include concerns about the acc population reached by student health in the Fall 2020 encour given restrictions on virtual visits across state lines and incomistency between providers inputting resson

Acknowledgements

Dank you to the University of Virginia Elous Student Health Gener-more, specifically De Chelengther Hickorye, Kanad Tanake, and Saucaka Rogi relitment whom this project tendel and have provided



Physical and Mental Health Care Recommendations for Healthcare Personnel During COVID-19 from January 1st, 2019 - April 24th, 2020 : A Systematic Review



Presenter: Octavia Goodman, MPH | Advisor: Mariana Szklo-Coxe, MHS, PhD

College of Health Sciences | Old Dominion University, Norfolk, W

Purpose: To review recommendations and interventions designed to physically protect healthcare professionals from the arcealing COVID-19 and to mentally protect healthcare professionals from the arrest and pressures associated with COVID-19.

Methodology: A search was contacted using Publied and Science(Descriptor, 19-, 2010 to April 24°, 2020; Of the twater articles identified, one deplicate article was evolution; and the remaining eleven articles one CVVD-19 physical and neutral needs recorded and remaining eleven articles one CVVD-19 physical and neutral needs recovery Studies in order to physical and energial needs the remaining eleven induced focused or physical and energial needs induced focused in relation to CVVD-19. Similar studies focused on patient energial content on certain the content of the co

Findings: Nessures to conduit the physical and mental health consequences of COVID-19 among healthcare personnel included althorie testing and monitoring for patients with COVID-19 and psychological interventions for healthcare personnel.

Summary, interventions that focused on al-home feeting and monitoring of patients with COVID-10, trained healthcare professionate in psychological solids to deal with patients with COVID-13, and previoled psychological solidance to healthcare professionate were found to be successful in healthcap for keep patients with COVID-19 out of hospitals and protecting the mental health of healthcare professionate.

Conclusions & Recommendations: Overall, to physically and mentally protect our healthcare workers from COVID-19, conclusions based on the systematic review completed April 2000, were to:

- (1) Adopt more aggressive screening practices
- (2) Consider the use of all-home feeling and incoloring interventions for patients with COVID-19 or suspected of having COVID-19 to docrease the number of infected patients in hospitals and altimately protest healthcare personnel.
- (3) Design and explanent psychological interventions that take the needs of the healthcare staff (a.g., uninterrupted test, monitoring the use of medical resources, on-site psychologists to deal with uncooperative patients) into consideration.

Objectives

To review recommendations and interventions from January 19, 2019 to April 24°, 2000 designed to pooled healthcare professionals from acquiring COVID-10 and to improve the mental health of healthcare personnel.

Methods

- A Masature search was conducted using PubMed and Eclerositivest databases.
- The search terms for protecting healthcase workers from COVID-19 included: [hospitals OR healthcase worker OR healthcase OR healthcase personnel OR healthcase protections [AND [COVID-19 OR COVID-19 OR coercivities]]
- The search terms for examining the mental health of healthcare personnel dealing with COND-16 instable. Training health CR "nestal CR "psychological" AND (healthcare personnel CR healthcare professionals (AND (COVID-19 OR COVID 13 OR COVID-13 OR COVID-13 OR COVID-13 OR COVID-14 OR
- Inclusion Criteria
 - Studies that specifically focused on COVID-19 and not any other associated infectious diseases. This limited the secrets to studies published between January 7°, 2019 and April 34°, 2020.
 - interventions that addressed physical and/or mental health measures that can
- Exclusion Orderts
 Studies that focused on gallerits as the population of study.

Records included based on search terms used for article title and abstract review (n=12)

Duplicate records removed (n=1)

Full text articles reviewed for eligibility (n=11)

> Articles eligible for inclusion (n=11)

Physical Health

- 1.More aggressive case detection and changing the focus of screening practices, which includes:
- · Testing patients with symptoms regardless of travel or contact history
- · Screening patients for all respiratory viruses, regardless of symptoms 1
- 2.At-home testing and monitoring to keep patients with COVID-19 out of hospitals 2
- Using paramedics to remotely monitor patients 2
- 3.Restrict healthcare personnel from working if they have any upper respiratory tract symptoms, even if fever is absent 1

Mental Health Recommendations

- Designing a mental health handbook for healthcare personnel 1
- 2.Designing a psychological intervention program to address the needs of the staff.
- · Designated rest and isolation areas for healthcare staff 4
- Training regarding psychological skills that can be used to deal with uncooperative patients 4
- Providing staff with leisure activities and trainings on how to destress
- Having psychologists make regular visits to the hospital to speak with healthcare personnel 4
- Psychological assistance hoffines 4.5

- The healthcare organization first implemented a pilot at-home testing and monitoring intervention for patients with CONID-19 was found to be success over 100 patients were tested for CONID-19.
- The informed psychological intervention where the researchers executed the
 intervention, intervened the healthcare personnel on the limitations of the
 intervention, and their indexigned the intervention beaution by the reads of the
 healthcare personnel was foreing to be offsective in reducing the psychological stress
 and pressures on the healthcare and 1.1
- The psychological intervention program composed of different learns to perform a
 different set of these (e.g., a psychological response been of managers and press
 officers, a psychological assistance hotiling was found to be successful in providing
 mental health care to hundreds of healthcare personnel, with plane to expend to
 other hospitals.

This review based on illurature through April 2020 highlighted four major

- (1) The need for more aggressive case detection and screening practices; 1
- $\langle 2\rangle$. Improvements in our approach to respiratory diseases in the US and likely across the globe: †

(3) Ashome testing and monitoring interventions of gatierts with or suspected of having COVID-19 should be highly consistened to help protect our healthcare workers and patients by keeping annecessary visits to the hospital at a minimum; ³ and finally

(4) The steegn and implementation of psychological interventions in a way that takes the needs of the healthcare staff into consideration. ⁴

Additionally:

- + Consideration of crique measures such as mental health handbooks, trainings on how to relax, and psychological assistance hotines, $\lambda + \lambda$
- rsonnel should make use of online platforms where medical advice is exchanged in efforts to reduce the stress on healthcare personnel.

•Mental health conditions of healthcare personnel should continue to be monitored and

Directions for Future Research

- Future research regarding COVID-19 among healthcare professionals should focus on designing and implementing interventions that address the physical and mental health consequences of COVID-15 among healthcare personnel in the U.S. and
- Future studies should review updated emergency prepared was managers to better protect our healthcare personnel in the U.S. and abroad from future health orbits.

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Shifting from In-Person to Virtual Program Delivery: Lessons Learned from the COVID-19 Pandemic

Cara Tonn (MPH student), Mya Achike, MPH, Michele Kekeh, Ph.D., Muge Akpinar-Elci, MD, MPH Old Dominion University, Center for Global Health

The Global Health Heroes program

- . Beginning in 2016, to teach children positive health behaviors with the intention that the kids will use. These new skills and share there with their family and
- The program design is an interactive on-site experience that includes information and activities. highlighting the importance of good nutrition, recycling, and hygiene. Program facilitators measure pre-existing knowledge with a pre-test and information comprehension with a post-test.
- · On-site implementation is the responsibility of a Center for Global Health representative with assistance from DDU interns and on-one employees

Starting in September 2020, the Center began adspting the Global Health Heroes program in response to the changes in daily routines brought on by the COVID-19 pandemic.

- · In December 2020, the Center for Global Health successfully feunched its first-ever virtual Global Health Heroes program, via Zoom piloted with 20 students from the Rosemont Unit Boys and Girls Club
- The virtual program's objective is to promote healthy habits that reduce the spread of germs by reinforcing the importance of social distancing, wearing a mask and hand bygiene.
- To enhance the virtual session's theme, an e-book accessible on the Center's website, is available to promote individual learning and increase



The Center used this opportunity to reinforce the Centers for Disease Control guidence on reducing COVID-19 spread. The virtual lesson

- A discussion on the meaning and importance of
- . Engagement with the children on reducing the spread of germs to gauge existing knowledge
- family the importance of not spreading germs, social distancing, or wearing a mask. Such as
- storyboard, mind map, poster
- · poem, song, or a social media post
- Opportunities for children to present a completed project and receive feedback from the facilitators.

- Wap-up the opportunity to reinforce lesson themes and to answer questions
- · Issuance of a certificate of completion and receipt of healthy snacks.

Global Health Heroes Certificate of Achievemen



The Center for Global Health piloted the virtual program with 20 students from the Boys and Girls Club. While the program's implementation was a success, the Center learned valuable lessons to create robust, dynamic, and interactive future presentations.

- · Compared to the previous face-to-face program cus teachable moments are absent. format, sponta
- . The virtual program benefits from an on-site tacilitator to assist in the lesson's flow and provide
- . Engagement and buy-in from dommunity partners are essential to have a successful virtual program. It is the driving force for site participation and program information dissemination to their customers
- develop skills to utilize advancing technology to provide a more interactive; engaging experience for
- · Additional presentation software (Prezi and
- Gamification ages
- Book widgets
 Polling software

The Global Health Heroes program's purpose is to promote healthy behaviors and educate children on the positive outcomes associated with those behaviors, not just for themselves but also for their friends, loved ones and the community. The transition of the Global Health Heroes program to an online platform during the COVID-19 pandemic reflects the Center's mission and vision of positively impacting health and well-being by vasion in positively impacting research and well-owing by using its members' unique strengths to address community needs. Utilizing the information and lessons learned with the picty program's implementation, the Center is mortivated to continue to develop the virtual Global Health Heroes program.





Global Health Heroes E-book

VIRGINIA COMMONWEALTH UNIVERSITY



The Impact of COVID-19 on the Graduate Admissions for Master of Health Administration and Master of Business Administration Degree Programs in the United States By Diana Shoja & Christine Booker, PhD College of Humanities and Sciences

Department of Kinesiology and Health Sciences

Abstract

COVID-10 has affected the view animously adentified according to country and considering presenting regiment. The graduate attentions presents for Mourier of Health Administrations and Moster of Health Administrations and Moster of Health Administrations are in the state of the properties of the properties. The properties of propert

Introduction

Observing administration for contrary have also of the application carbon due to the on-policy COVED-10 panisms. One that for each case, as support to your progressive by the about part of the form of the about part of the country of the country of the handle case fact a case to the changes in the about part in the form of the handle case fact a case the changes in the about part in the fact of the country of the form of the fact of the country of the fact of the fact of the country of the fact o

Methodology

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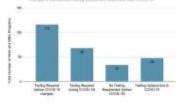
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Results/Discussion

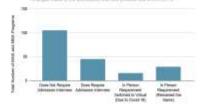
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Admissions Interview Requirement (Figure B)



Conclusion

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Utilizing Community Health Worker Learning Modules to Increase Preventive Services During the COVID-19 Pandemic

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BACKGROUND

- The beginning of the COVID-19 Pandemic led to a 60% decrease in ambulatory services
- The drop in ambulatory and preventive services may lead to future adverse health outcomes, particularly in vulnerable populations
- Literature shows that vulnerable populations have increased rates of DM/CVD and mental health disorders after disasters and increased community support leads to better health outcomes

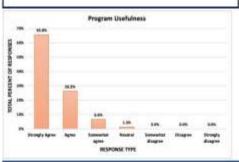
PROJECT PURPOSE

- Reduce the burden of disease resulting from the COVID-19 Pandemic by increasing social support and access to preventive services in the community
- Utilize targeted learning modules to educate community health workers (CHWs) on topics relevant to health concerns during the pandemic
- Increase community support through CHW education

COMMUNITY HEALTH WORKER COVID-19 LEARNING MODULES

METHODOLOGY

- Four evidence-based learning modules: diabetes and cardiovascular disease, mental health, community resources, and COVID-19
- Disseminated to VA CHWs through the Institute for Public Health Innovation and the Virginia Certification Board
- Completion survey with modified USE Questionnaire and three qualitative questions. Data collected over four weeks, n=19 respondents



RESULTS

- 100% responded positively that the program increased their knowledge and helped respondents be more effective in their work.
- COVID-19 and community resource modules were the most useful
- Respondent comments: "Great program, user friendly, informative, and easy to follow," "CHWs can benefit from more of this training program." "Make all trainings this easy to do"
- Respondents would like more links to resources and applicable educational resources

RECOMMENDATIONS

- Educational interventions during COVID-19 should be targeted and succinct
- Provide resources for CHWs regarding community resources and COVID-19
- Consider utilizing a similar format for additional trainings in the future
- Consider utilizing evidence from previous natural disasters when addressing challenges during the COVID-19 Pandemic

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