



HEALTH PROFILE OF TEACHERS IN GENERAL SANTOS CITY NATIONAL HIGH SCHOOL: BASIS FOR A PROPOSAL HEALTH AND WELLNESS PROGRAM

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Abstract. The purpose of this study was to determine the health profile of teachers as a basis for an intervention program. The researcher used a cross-sectional survey method of research. The respondents of the study were 315 teachers from five curricula of Junior high school. It was found out that majority of the teachers have 36.4°C to 37.2°C body temperature, which means normal. In terms of vision, majority of the teachers have 20/20 vision, which means they can see 20 feet away from the Snellen chart. In terms of smell, through an odor awareness scale, majority of the teachers have positive smelling. In addition, it was found that the hearing of the respondents was classified into four categories: normal, moderate, severe, severe to profound, and profound through the use of amplified speech devices. However, when teeth were examined, it was found out that the respondents have a complete set of normal teeth and have no problem in their throat. Indeed, the height and weight are directly proportional to each other in order to get the Body Mass Index result. Furthermore, the Body Mass Index showed that majority of the respondents were normal. Hence, the findings of the study motivated the researcher come up with a health and wellness intervention program that would be beneficial for the teachers to promote a healthier life and productive teaching workforce.

Keywords: *Health profile, teachers, intervention program, cross-sectional survey, Philippines*

1. INTRODUCTION

Research has shown that teachers are exposed to several physical health conditions mainly due to their twofold role at home and work. Moreover, health has become increasingly important over the past few decades in the Philippines. The country has implemented several rounds of reform to strengthen its health system, especially for the welfare of the public-school teachers (Dayrit, Lagrada, Picazo, Pons & Villaverde, 2018). In addition, teachers have a significant role in education and also in the life of learners to become successful in life. Like parents to the learners, teachers play an essential part in the holistic development of a child and provide support in making the

learners become the whole person. While teachers constitute one of the most important

and growing parts of the world, teachers are often overwhelmed with numerous duties, making them more vulnerable and at-risk to stress and other physical and mental health problems (Ceka and Murati 2016; Donev 2020, Phelamei 2019).

Furthermore, school communities are progressively becoming places where healthy habits can flourish, beginning with a healthy teacher. Perhaps even more noteworthy is the interdependence of teachers' health to student achievement as

measured by the standardized test scores. More importantly, the positive modeling by public-school teachers is vital to support healthy and physical activity policies and actions at school. Thus, teachers are uniquely positioned to act as positive role models for learners, parents, and the community. A teacher who makes healthy choices – including healthy eating and regular physical activity – can influence the health of students, others, and most importantly, themselves (Durisic and Bunijevac, 2017; Higer, Loerbroks and Diehl 2017).

Consequently, the chronically overworked state of public-school teachers in the Philippines is widely known. The workload of public-school teachers is limited to teaching and other related tasks and non-teaching tasks. Provided this workload, actual teaching is increasing sideline by the many other teachers' responsibilities and roles. In half of the studies, teachers suffered from some personality disorder or pathology that adversely affected their performance due to their responsibilities and duties over workload and expectations. It resulted in emotional distress, burnout, and health problems commonly encountered and suffered by the teachers. Henceforth, administrators were not always aware and sometimes tended to ignore the causes of the poor performance of the teachers, which delayed their ability to help since each design needed a different response (Blazar and Kraft 2017; Bridges, 2017).

With the above statements, the researcher found the urgency and would like to find out the health profiles of the teachers in General Santos City High School. This study would be beneficial in proposing the suited health and wellness program.

1.2 Statement of the Problem

The purpose of the study was to determine the health profile of teachers in General Santos City National High School, Division of General Santos City for the

school year 2019-2020 as the basis for an intervention program.

Specifically, it sought answers to the following questions:

1. What is the health profile of teachers in General Santos City National High School in terms of:

- 1.1 temperature;
- 1.2 vision;
- 1.3 smelling;
- 1.7 hearing;
- 1.8 throat;
- 1.9 teeth;
- 1.10 height;
- 1.11 weight?

2. What intervention program could be formulated based on the result of the study?

1.3 Theoretical Framework

This study was based on the Social Cognitive Theory of Bandura, A. (2014). It is a more interpersonal theory regarding health and wellness. It focuses on the impact of an individual's social atmosphere, opportunities, observations, and health awareness on their health profiles such as; height, weight, temperature, respiratory system, circulatory system, urinalysis, vision, nose, hearing, throat, and teeth. An individual's outcome expectations, or their values on adopting a behavior, immensely influence their desire to modification. This ties into the idea of self-efficacy, which touched on an individual's self-confidence and perceived ability to take on a problem. For people to want to enact modification in their lives, the positive outcome of their expectations usually outweighs the negatives.

Along with that, confidence in their aptitude to change their behaviors helps motivate them to take action and make themselves healthy. The social atmosphere in people's lives also heavily influences how they perceive diverse behaviors and their want and belief in their abilities to change. People can exploit to make healthier changes in their lives. Having people model healthy behaviors, positive or negative, specific changes that encourage wellness and change all tie into the success of

change and sustaining health in those trying to change their lives (Salla, 2015; Smith, Tomasone, Cheung and Martin 2015; Volpp and Asch, 2017).

1.4 Conceptual Framework

The conceptual framework of the study is revealed in Figure 1. It consists of the primary variable, the health profiles of the teachers in terms of their height, weight, temperature, respiratory system, circulatory system, urinalysis, vision, smelling, hearing, throat, and teeth. The result of the variable become the basis for an intervention program, particularly on health and wellness program. Health' can be individually viewed from different perspectives and understanding how other individuals consider health. Emphasizing the physical, measurable extent of some health, the physical body, and the overall quality of being suited to serve a purpose well, required as a prior condition for something else to happen or exist for the overall health and wellness.

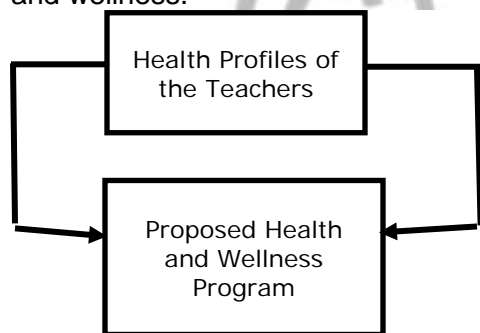


Figure 1. Conceptual Framework of the Study

2. METHOD

2.1 Research Design

This study used a cross-sectional method to utilize the availability of data, particularly on the health profile of teachers in terms of height, weight, temperature, respiratory system, circulatory system, urinalysis, vision, smelling, hearing, throat, and teeth. It is described and interpreted accurately and adequately using frequency count and percentage. According to Grotkiewicz & Kowalczyk (2015), a research design accurately depicts the participants. It also describes people who participate in the

study or discussion with an individual about a specific topic. This research design was used because the researcher aimed to determine the health profile of teachers as a basis for an intervention program.

2.2 Research Locale

It was conducted at General Santos City National High School. It is a public secondary educational institution located in Calumpang, General Santos City. It was founded in 1980, envisioning establishing a God-fearing and globally competitive graduate with the help of capable and committed mentors in a conducive learning environment. The school currently implements a K-12 basic education program offering junior high and senior high school, following the resolution ordered by the Department of Education (DepEd). It has particular programs such as Technology, Engineering and Mathematics (STEM), Special Program in Journalism (SPJ), Special Program in the Arts (SPA), Special Program in Sports (SPS), and Basic Education Curriculum (BEC). Furthermore, the study respondents were 315 teachers of General Santos City National High School. These teachers from the five different curriculum departments, namely, Science and Technology, were all included in the study.

Table 1 shows the distribution of respondents.

Respondents	Number of Respondents
STEM	12
SPJ	11
SPA	12
SPS	20
BEC	260
Total	315

The researcher used steps in data gathering. First, the researcher sought the approval and consent of the principal of General Santos City National High School to conduct the study. Upon permission, the researcher gathered the result from the Health form. All teachers under the five

curricula, namely, Technology, Engineering and Mathematics (STEM), Special Program in Journalism (SPJ), Special Program in the Arts (SPA), Special Program in Sports (SPS), and Basic Education Curriculum (BEC). Then, the researcher tabulated all the gathered data utilizing various scales and subjected to statistical analysis then analyzed and interpreted the statistical results of the data, drew conclusions, formulated recommendations based on the study's findings. Lastly, the instrument was

the standardized health form from the department of education monitoring the health profile of teachers. The health record of the teacher contains the health profile such as height, weight, temperature, respiratory system, circulatory system, urinalysis, vision, smelling, hearing, throat, and teeth. The paper determined the health status of teachers in General Santos City High School that would be the basis for an intervention program.

3. FINDINGS AND DISCUSSIONS

Table 2 presents Health Profile of teachers in General Santos City High School S. Y. 2019-2020

Health Profile	STEM		SPJ		SPA		SPS		BEC		Grand Total	Percentage
	F	Percentage	F	Percentage	F	Percentage	F	Percentage	F	Percentage		
1. Temperature												
- Normal	9	75	9	82	7	58	12	60	250	96	287	91
- Abnormalities	3	25	2	18	5	42	8	40	10	4	28	9
Total	12	100	11	100	12	100	20	100	260	100	315	100
2. Vision												
A. 20/20	8	67	9	82	12	100	15	75	215	82	259	82
B. 20/15	4	33	2	18	0	0	4	20	40	15	50	16
C. 20/40	0	0	0	0	0	0	1	5	5	3	6	2
D. 20/200	0	0	0	0	0	0	0	0	0	0	0	0
Total	12	100	11	100	12	100	20	100	260	100	315	100
3. Smelling												
- Positive	9	75	8	73	4	33	15	75	202	78	238	76
- Negative	3	25	3	27	8	67	5	25	58	22	77	24
Total	12	100	11	100	12	100	20	100	260	100	315	100
4. Hearing												
- Normal	9	75	6	55	8	67	12	60	158	60	193	61
- Moderate	2	17	5	45	2	17	4	20	90	35	103	33
- Severe	1	8	0	0	1	8	2	10	8	3	12	3
-Severe-to- Profound	0	0	0	0	1	8	2	10	4	2	7	2
- Profound	0	0	0	0	0	0	0	0	0	0	0	0
Total	12	100	11	100	12	100	20	100	260	100	315	100
5. Throat												
-Normal	8	67	7	63	7	58	15	75	228	88	265	63
-Mild	4	33	4	37	5	42	5	25	32	12	50	37
-Moderate	0	0	0	0	0	0	0	0	0	0	0	0
-Severe	0	0	0	0	0	0	0	0	0	0	0	0
Total	12	100	11	100	12	100	20	100	260	100	315	100
6. Teeth												
-Normal	9	75	7	64	4	33	13	65	171	66	208	66
-Abnormal	3	25	4	36	8	67	7	35	89	34	107	34
Total	12	100	11	100	12	100	20	100	260	100	315	100
7. Height												
-Normal	6	50	7	64	8	67	18	90	204	78	242	77
- Under height	3	25	2	18	1	8	1	5	36	14	43	15
-Over height	3	25	2	18	3	25	1	5	20	8	29	9

Total	12	100	11	100	12	100	20	100	260	100	315	100
8. Weight												
- Normal	3	25	1	9	4	33	11	55	115	44	134	43
- Underweight	3	25	2	18	3	25	2	15	65	25	75	24
-Overweight	6	50	8	73	3	25	5	25	36	14	58	18
-Obese	0	0	0	0	2	17	2	10	44	17	48	15
Total	12	100	11	100	12	100	20	100	260	100	315	100

Name of the Program: Healthy Sexy Body Teachers (HSBT) Program
Proponent: Noralyn L. Cabarubias

Introduction

Teachers are the recognized heroes of the educational society, though they tend to be understated and overworked. Readings show that teachers face a high turnover rate due to burnout. Stressors at work and in their everyday lives may impact their responsiveness and effectiveness in the classroom. Even though teachers face time crunches, simple practices can boost energy, reduce stress, and set an excellent example for students.

Teachers constitute one of the most important and growing parts of the workforce in the world. Teachers are often overwhelmed with numerous duties, making them more vulnerable and at-risk to stress and other physical and mental health problems. Teachers expose to several physical health conditions, mainly due to their twofold role at home and work.

The health profiles of the teachers in General Santos City High School are the primary concern of this study. The researcher came up with a health and wellness intervention program that would be beneficial for teachers to promote a healthier life and productive teaching workforce.

Being healthy should be part of one's overall lifestyle. Gaining a healthy lifestyle can help stop chronic diseases and long-term illnesses. Feeling good about physical and taking care of one's health is essential for self-esteem and self-image. We must maintain a healthy routine by doing what is suitable for our bodies.

Healthy working environments are essential for teacher retention and teacher productivity. Moreover, there is a link between the well-being of teachers and the educational outcomes of their students. According to a recent report from Pennsylvania State University and the Robert Wood Johnson Foundation, "elementary school teachers who have to create classroom environments that are less conducive to learning have tremendous stress and depression, which leads to poor academic performance among students. The report also outlined several proven interventions and programs to reduce teacher stress and ensure healthier school environments. These include such programs on health and wellness among teachers in General Santos City High School.

Objectives

A. To strengthen the health and wellness program for teachers in General Santos City National High School to promote a healthy lifestyle and improve teaching performance.

B. To conduct activities on health and wellness programs that improve the health status of teachers. They teach under the five curriculum departments, namely Technology, Engineering and Mathematics

(STEM), Special Program in Journalism (SPJ), Special Program in the Arts (SPA), Special Program in Sports (SPS), and Basic Education Curriculum (BEC).

C. To maintain a healthy lifestyle among teachers under the five curriculum departments.

Health and Wellness Program of Activities

Healthy Sexy Body Teachers (HSBT) Program

Health areas to improve	Objective	Activity	Time Frame	Persons Involved	Budget	Expected outcome
	To ensure awareness of teachers in maintaining their health status in terms of their daily temperature, smelling, throat, teeth, height, and weight.	<p>To conduct health and wellness orientation and activities among teachers in five curriculum s.</p> <p>A. Conduct seminar-workshop on health and wellness among teachers.</p> <p>B. Strengthen daily exercise based on the orientation, which includes the age and sex of teachers.</p> <p>C.</p>	<p>The second week of Aug. 2021</p> <p>The third week of Aug. 2021</p> <p>Three times a week</p>	School head, nurse, health coordinator, lecturer, and teachers.	MOOE/PTA	<p>Teachers are aware of their health status, particularly in their daily temperature, smelling, throat, teeth, height, and weight.</p> <p>100% of teachers attended seminar workshops on health and wellness.</p> <p>Teachers executed daily exercises based on what they learned on the orientation.</p> <p>Teachers executed And enjoyable Zumba and Aerobics activities.</p>

		Encourage teachers to participate in Zumba and Aerobics.	whole year-round.			
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Vision and Hearing	To raise teachers' awareness on healthy vision and hearing.	To conduct orientation on myopia problems among teachers.	Third week of Aug. 2021		MOOE/PTA	100% of teachers take care of their vision and hearing status.
	To empower teachers to influence healthy vision and hearing actively.	To assist teachers with vision and hearing problems.	Whole year-round	Private sponsoring agencies	Private sectors	100% support of sponsoring agency in assisting with vision and hearing problems
		Doing daily activity and exercise could help maintain their vision and hearing health.	Whole year-round	School head, nurse, health coordinator, lecturer, and teachers.	MOOE/PTA	Teachers have done a series of activities and exercises to help maintain their vision and hearing healthy.
	Conduct quarterly monitoring of the vision and hearing status of teachers.		Every quarter			Proper quarterly monitoring on vision and hearing must be done.

4. CONCLUSIONS and RECOMMENDATIONS

4.1 Conclusions

Based on the findings, the following are the conclusions on the health profile of teachers in General Santos City High School

Most of the teachers were normal in their body temperature, having a vision of 20/20 or normal, positive in their smelling, normal in hearing, throat, teeth, height, and weight.

4.2 Recommendations

Based on the conclusions, it is recommended that:

1. The school could maintain a health and wellness program that would improve the health profile of teachers in terms of maintaining their temperature, vision, throat, and hearing.
2. The school may venture into contest activities that would highlight the biggest loser in weight or most improved health so that teachers could be healthier.
3. A seminar-workshop will be conducted on health and wellness by the different curriculum heads.
4. The health and wellness program coordinator may also invite health practitioners to discuss health benefits among teachers.
5. Researchers are encouraged to gather more related literature concerning the variables investigated and adapt the sample intervention program to open new boundaries and add more information about the health profile of teachers for further study.

REFERENCES

[1] Abirami, M. & Raj Kala, A. (2018). Health Implications of School Teachers-A Review.

[2] Alves L, do Carmo Cruz Robazzi, M., Marziale M., de Felipe AC, da Conceição Romano C (2019) Health disorders and teachers' voices: a workers' health issue. *Rev Lat Am Enfermagem* 17, 566–72. [Medline] [CrossRef]

[3] Armstrong, K. (2019). Safety and Health identification efficiencies Run 2 data collected in 2015 and 2016. *The European Physical Journal C*, 79(3), 1-41.

[4] Andrade, L. Filho, A. Solar, O. Rigoli, F. Salazar, L. Serrate, P. Ribeiro, K. Koller, T. Cruz, F. Atun, R. (2015). Social determinants of health, universal health coverage, and sustainable development: case studies from Latin American countries. *The Lancet*. Volume 385, Issue 9975 Pages 1343- 1351. <https://www.sciencedirect.com/science/article/abs/pii/S014067361461494>

[5] Băbuț, G. & Moraru, R. (2021). Improving the Occupational Safety and Health Management in Military Structures and Public Bodies employing Civil Servants with Special Status. A Romanian Perspective in the COVID-19 Pandemic Context. *Quality- Access to Success*, 22(182).

[6] Baltag, V. Pachyna, and A. Hall, J. (2015). Global overview of school health services: Data from 102 countries. *Health Behavior and Policy Review*, pp. 268-283(16). DOI: <https://doi.org/10.14485/HBPR.2.4.4>

[7] Bakker, A. (2015). A Job Demands–Resources Approach to Public Service Motivation. *Public Administration Review* Volume 75, Issue 5 p. 723-732 <https://doi.org/10.1111/puar.12388>

[8] Bakker, A., & de Vries, J. (2021). Job

- Demands–Resources theory and self-regulation: New explanations and remedies for job burnout. *Anxiety, Stress, & Coping*, 34(1), 1-21.
- [9] Bandura, A., (2014). Social Cognitive Theory. <https://www.ruralhealthinfo.org/toolkits/health-promotion/2/theories-and-models/social-cognitive>
- [10] Basha, M., Meltzer, C., Kim, D., Tuite, M., Kolli, K. & Tan, B. (2020). Radiology department prepare
- [11] Bhui, K, Dinos, S. Miecznikowska, M. Jongh, B. and Stansfeld, S. (2016). Perceptions work stress causes and effective interventions in employees working in public, private and non-governmental organizations: a qualitative study. *BJPsych Bull.* 40(6): 318325.doi: 10.1192/pb.bp.115.050823
- [12] Blazar, D. and Kraft, M. (2017). Teacher and teaching effects on students' attitudes and behaviors. *Educ Eval Policy Anal.* doi: 10.3102/0162373716670260
- [13] Bridges, C. (2017). Neutron scattering in the proximate quantum spin liquid α - RuCl_3 . *Science*, 356(6342), 1055-1059.
- [14] Bruns, E. Whitaker, K. (2017). School mental health promotion and intervention: Experiences from four nations. *School Psychology International*, 38(4), 343-362.
- [15] Byrne, E., Brugha, R., & McGarvey, A. (2019). 'A melting pot of cultures'—challenges in social adaptation and interactions amongst international medical students *BMC medical education*, 19(1), 1-14.
- [16] Bock, B., Dunsiger, S. I., Ciccolo, J. Serber, E. R., Wu, W., Tilkemeier, P. & Marcus, B. H. (2019). Exercise videogames, physical activity, and health: wii heart fitness: a randomized clinical trial. *American journal of preventive medicine*, 56(4), 501-511.
- [17] Bogaert, I., De Martelaer, K., Deforche, B., et al., (2014) Associations between different types of physical activity and teachers perceived mental, physical, and work-related health. *BMC Public Health* 2014; 14: 1492–511.
- [18] Boorman, G. (2017). *Quasi experimentation*. Chicago: Rand McNally. Harsha, D.W. (2). 11The benefits of fitness activity in childhood. *The American Journal of Medical Science*, 310(1), 09-1 13.
- [20] Brest, P. (2020). 16. The Outcomes Movement in Philanthropy and the Nonprofit Sector. In *The Nonprofit Sector* (pp. 381-408). Stanford University Press.
- [21] Buettner, C. K., Jeon, L., Hur, E., & Garcia, R. E. (2016). Teachers' social–emotional capacity: Factors associated with teachers' responsiveness and professional commitment. *Early Education and Development*, 27(7), 1018- 1039.
- [22] Bundesamt, A. (2014). Health implications of school teachers-A review. *International Journal of Health Sciences & Research*. https://www.ijhsr.org/IJHSR_Vol.8_Issue.5_May2018/50.pdf
- [23] Byrne, E. Brugha, R. Clarke, E. Lavelle, A. and McGarvey, A. (2015). Peer interviewing in medical education research: experiences and perceptions of student interviewers and interviewees. *BMC Res Notes* 8, 513 (2015). <https://doi.org/10.1186/s13104-015-1484-2>
- [24] Ceka, A. and Murati, R. (2016). The role of parents in the education of children. *Journal of Education and Practice*. Vol.7, No.5.

- <https://files.eric.ed.gov/fulltext/EJ1092391.pdf>
- [25] Chapman Institute. (2019). *Wellness Inactivity Crisis of Children and Youth Continues to Worsen*. Manila ON: Press Release.
- [26] Checkoway, H., Pearce, N., & Crawford-Brown, D.J., (2019). *Research methods in occupational epidemiology*. Oxford University Press, New York.
- [27] Chong, E. and Chan A. (2015). Subjective Health Complaints of Teachers From Primary and Secondary Schools in Hong Kong. *International Journal of Occupational Safety and Ergonomics*.
<https://doi.org/10.1080/10803548.2010.11076825>
- [28] Chong, D., Lee, K. Johnson, R. and Lin, W. (2018). Incorporation of immune checkpoint blockade into chimeric antigen receptor T cells (CAR-Ts): combination or built-in CAR-T. *International journal of molecular sciences*, 19(2), 340.
- [29] Cowling, J. & Mailer, D. (2018). *Moving Towards Quality Daily Physical Education: A Primary/Elementary Curriculum and Teaching Guide*. St. John's, Newfoundland: Division of Program Development. Pasig City.
- [30] Csiernik, J. B. (2015). *A Reflective Approach to Teaching Health and Wellness Education*. Champaign IL: Human Kinetics Publishers Inc. Manila.
- [31] Cohen, U. (2018). *Dynamic Fitness Education for Elementary School Children*, 7th ed. Minneapolis, Minnesota: Burgess Publishing Co.
- [32] Connors, R. L. (2017). *A Curriculum Framework for Wellness and Fitness Education: Adjusting the Focus*. St. John's, Newfoundland: Division of Program Development. Pasig City.
- [33] Costello, J. (2016). Early detection and prevention of mental health problems: developmental epidemiology and systems of support. *Journal of clinical child and adolescent psychology*. Volume 45
<https://doi.org/10.1080/15374416.2016.1236728>
- [34] F., Gorm, N., Shklovski, I. A., & Munson, S. (2017). Finding the right fit: understanding health tracking in workplace wellness programs. In *Proceedings of the 2017 CHI conference on human factors in computing systems* (pp. 4875-4886).
- [35] Dayrit, M., Lagrada, L., Picazo, O., Pons, M. & Villaverde, M. (2018). The Philippines health system review Department of Health (2012) Health Privacy Code Specifying the Joint A.O. No. 2016-0002, "Privacy Guidelines for the Implementation of the Philippine Health Information Exchange.": <http://ehealth.doh.gov.ph/images/HealthPrivacyCode.pdf>
- [36] Dakus, K. (2020). From Ringing to Impinging: The Intrusion of Technology into the Employment Relationship. *Appeal: Rev. Current L. & L. Reform*, 25, 27.
- [37] Davidovitch, N., & Eckhaus, E. (2020). Performance Measures of the Academic Managerial Spine. *European Journal of Educational Sciences*, 7(4), 111-130.
- Deutschland, D. (2012) Toward the fourth dimension of health – the spiritual health. [in Macedonian]. *Vox Medici*;23:318-21.
- [38] Donev, D. (2020) Human health – definition, concept and content. How the disease occurs and the natural course of disease. Modern concept and definition of healthcare [In

- Macedonian]. In: Nikodijevic B, editor. Contemporary diagnostics and therapy in medicine. Skopje: Faculty of Medicine.
- [39] Downey, C.A. and Chang E.C., (2017). Assessment of everyday beliefs about health: the lay concepts of health inventory, college student version. *Psychol Health*; 28:818-32. Medline:23346999 doi:10.1080/08870446.2012.762099
- [40] Durisic, M. and Bunijevac, M. (2017). Parental involvement as a important factor for successful education. *C. E. P. S. Journal* | Vol.7. <https://files.eric.ed.gov/fulltext/EJ1156936.pdf>
- [41] Elo, A.E., Leppänen, A., & Lindström, K., (2014) Occupational Stress Questionnaire: user's instructions. FIOH, Helsinki.
- [42] Evans, T. (2016). *Professional discretion in welfare services: Beyond street-level bureaucracy*. Routledge.
- [43] Falzon, A. (2016). Multi-sited ethnography. Theory, praxis, and locality in contemporary research. 2 park square, Milto park, Third avenue, New York
- [44] Finger, L. G. (2015). *Teaching Wellness Education*. Fourth edition. Luzon, ON: Diwa Publishing p.27-45. Manila.
- [45] Freudenberg, N. Franzosa, E. Chisholm, J. Libman, K. (2015). New approaches for moving upstream: how state and local health departments can transform practice to reduce health inequalities. *Health education and behavior*. <https://doi.org/10.1177/1090198114568304>
- [46] Fugelli, P. and Ingstad, B., (2019) Health-the way people see it. Health and culture.
- [47] Gibson, M. (2015). School nursing in Virginia: Hookworm, tooth decay, and tonsillectomies. In Kirchgessner, Keeling (Eds.), *Nursing rural America* (pp. 39–52). New York, NY: Springer Publishing.
- [48] Ghebreyesus T. and Murray, C. (2017). Findings from the Global burden of disease study. Institute for health metrics and evaluation. Seattle Washington USA. http://www.healthdata.org/sites/default/files/files/policy_report/2019/GBD_2017_Booklet.pdf
- [49] Godlee F., (2019) What is health? *BMJ* 2011;343:d4163.
- Goetz, L. H., & Schork, N. J. (2018). Personalized medicine: motivation, challenges, and progress. *Fertility and sterility*, 109(6), 952-963 <https://doi.org/10.1016/j.fertnstert.2018.05.006>
- [50] Goodman C. FK, (2014). Introduction. *Pathology: Implications for the Physical Therapist*. 4th ed: Elsevier Health Sciences;
- [51] Grance, T. and Jansen, W. (2019). Guidelines on Security and Privacy in Public Cloud Computing. Retrieved
- [52] Grawitch, L.S., Jones, A., Smith, K. (2017). *Fitness for Life*. Second American edition. Agincourt, ON: Gage Educational Publishing Company. United States.
- [53] Griebler, R., (2015) Gesundheitszustand österreichischer Lehrerinnen und Lehrer. In: Dür W, Felder-Puig R (eds): *Lehrbuch schulische Gesundheitsförderung*. Bern: 130– 138.
- [54] Grissom, J. Viano, S. Selin, J. (2015). Understanding employment turnover in the public sector: insights from

- research on teacher mobility. Public administration review volume 76 (2). p. 241-251. <https://doi.org/10.1111/puar.12435>
- [55] Grmek, M.D. & Budak, A. (2016) Introduction to medicine [In Croatian]. Zagreb: Nakladni zavod "Globus"; p. 247.
- [56] Grotkiewics, S. & Kowakzyk, N. (2015). Facilitating eudaimonic well-being in mental health care organizations: The role of servant leadership and workplace civility climate. *International journal of environmental research and public health*, 17(4), 1173.
- [57] Grossmeier, J. (2019). *HERO Scorecard: Wellness champion networks associated with higher participation rates and behavior change*. HERO on Health [newsletter]. February 2014, p 4
- [58] Haines, D., Davis, F., Rancour, R., Robinson, M., Wilson, S. and Wagner, A. (2016). *Inclusive Health Education: Ecological Instruction Approaches and the Use of Adaptation and Modification*. CAHPERD Journal, Spring 2008, pp. 12–13.
- [59] Higer, J. Loerbroks, A. and Diehl, K. (2017). Eating behavior of university students in Germany: Dietary intake, barriers to healthy eating and changes in eating behavior since the time of matriculation. *Appitite* Volume 109, Pages 100-107. <https://www.sciencedirect.com/science/article/abs/pii/S0195666316307462>
- [60] Herrenkohl, T. I., Hong, S., & Verbrugge, B. (2019). Trauma-informed programs based in schools: Linking concepts to practices and assessing the evidence. *American Journal of Community Psychology*, 64(3-4), 373-388.
- [61] Holeyannavar, M. (2016). Ocular Manifestation of Diphtheria in a Fully Immunised Infant. *The Indian Journal of Pediatrics*, 83(3), 272-273.
- [62] Honkonen, T., & Khan, S. A. (2016). *Chemicals and waste governance beyond 2020: exploring pathways for a coherent global regime*. Nordic Council of Ministers.
- [63] Houlihan, B. (2017). Origins of school nursing. *The journal of school nursing*. <https://doi.org/10.1177/1059840517735874>
- [64] Huber M., Knottnerus, J., Green L., van der Horst, H., Jadad, A. Kromhout, D. (2015) How should we define health? *BMJ*. 2015;343:d4163.
- [65] Hughner, G. & Kleine G., (2014) cited in Scriven A. *Promoting Health - A Practical Guide*. UK: Elsevier, 2020.
- [66] Hunter, I. (2020). *Rethinking the school: Subjectivity, bureaucracy, criticism*. Routledge.
- [67] Hutchinson, M., Kinnie, R., Purcell, B. and Boxall, O. (2018). *Teaching Responsibility Through Health and Wellness Activity*. Champaign IL: Human Kinetics Publishers Inc
- [68] Ibrahim, N. and Hijazi, A. (2017). Prevalence and Determinants of Prehypertension and hypertension among Preparatory and Secondary School Teachers in Jeddah. *Journal of epidemiology studies*. 2008;83(3-4): 37- 44.
- [69] Isaac, F. and Ratzan, S. (2015). Corporate wellness programs: why investing in employee health and well-being is an investment in the health of the company. <https://www.taylorfrancis.com/chapters/edit/10.4324/9781315557953-28/corporate-wellness-programs-investing-employee-health-well-being-investment-health-company-fikry-isaac-scott-ratzan>

- [70] Jogerst, K., Callender, B., Adams, V., Evert, J., Fields, E., Hall, T., ... & Wilson, L. L. (2015). Identifying interprofessional global health competencies for 21st-century health professionals. *Annals of global health*, 81(2), 239-247.
- [71] John, A. M., Pedersen, B. D., Olsen, R. B., Wilson, R. L., & Hounsgaard, L. (2020). "If only they could understand me!" Acute hospital care experiences of patients with Alzheimer's disease. *Dementia*, 19(7), 2332-2353.
- [72] Jones, D. & Lin, E. (2020). What do workplace wellness programs do? Evidence from the Illinois workplace wellness study. *The Quarterly Journal of Economics*, 134(4), 1747- 1791.
- [73] Jones, D., Molitor, D., & Reif, J. (2019). What do workplace wellness programs do? Evidence from the Illinois workplace wellness study. *The Quarterly Journal of Economics*, 134(4), 1747-1791.
- [74] Keen, R. (2017). *Flexibility. In Physical fitness: the pathway to healthful living* (pp.108-137). Mosby-Year Book, Inc.
- [75] Kim, S. Hollensbe, E. Schwoerer, C. & Halbesleben, J. (2015). Dynamics of a wellness program: A conservation of resources perspective. *Journal of Occupational Health Psychology*, 20(1), 62–71. <https://doi.org/10.1037/a0037675>
- [76] Kione, R. W. (2015). *Tracking of activity and fitness and the relationship with cardiovascular disease risk factors. Medicine and Science in Sports and Exercise*, 32(8), 1455-1 461.
- [77] Kirkman, B., Chen, G., & Mathieu, J. (2020). Improving employee performance by developing empowering leaders & companies. *Behavioral Science & Policy*, 6(1), 23-36.
- [78] Kirsch, D. (2018). *Handbook of Occupational Health and Wellness*. Retrieved December 5, 2016 from <https://books.google.com.ph/books?isbn=1461448395>
- [79] Kirsten, W. (2015). Making the link between health and productivity at the workplace- a globe perspective. *Industrial health*. <https://doi.org/10.2486/indhealth.48.247>
- [80] Klassen, R. (2019). A meta-analysis of the effects of teacher personality on teacher effectiveness and burnout.
- [81] Kocakulah, M. Kelley, A. Mitchell, K. Ruggieri, M. (2016). Absenteeism problem and costs: effect and cures. *International business and economics research journal*. Volume 15 (3).
- [82] Kocakulah, M. and Powers, J. (2015). Saving money through wellness program: if companies can help keep their employees healthy, they can stem rising healthcare costs and create a happier, more productive workplace. 97 (6). *Strategic Finance* Volume <https://link.gale.com/apps/doc/A437395641/AONE?u=anon~b761dc&sid=googleScholar&xid=2770568e>
- [83] Kokkinos M. (2015). The British Psychological Society Job stressors, personality and burnout in primary school teachers. *British Journal of Educational Psychology*. 77: 229–243.
- [84] Koriakin, T. A., McKee, S. L., Schwartz, M. B., & Chafouleas, S. M. (2020). Development of a comprehensive tool for school health policy evaluation: the WellSAT of School WSCC. *Journal Health*, 90(12), 923-939.
- [85] Kotlar, B. Gerson, E. Petrillo, S. Langer, A. Tiemier, H. (2021). Reproductive health 18.

- <https://reproductive-health-journal.biomedcentral.com/articles/10.1186/s12978-021-01070-6>
- [86] Kratt, D. (2019). Teachers' perspectives on educator mental health competencies: A qualitative case study. *American Journal of Qualitative Research*, 2(1), 22-40.
- [87] Kujundžić, T. (2017). The 90th anniversary of Andrija Štampar School of Public Health. *Croat Med J.* 2017; 58: 330-1. Medline:29094810 doi:10.3325/cmj.2017.58.330
- [88] Kwok, Y. Lai, A. Lau, K. Chan, P. Lavafpour, Y. Ho, C. and Ng, E. (2017). Thermal comfort and energy performance of public rental housing under typical and near-extreme weather conditions in Hong Kong. *Energy and buildings*. Volume 156, Pages 390-403. <https://www.sciencedirect.com/science/article/abs/pii/S0378778817314822>
- [89] Lacerda, Goncalves, Lobato et al. (2015). Childhood hearing health: Education for prevention of hearing loss. *International archives of otorhinolaryngology*. <https://doi.org/10.1055/s-0034-1387810>
- [90] Langford, R. Bonell, C. Jones, H. Cambell, R. (2015). Obesity prevention and the health promoting school framework: essential components and barriers to success. *International journal of behavioral nutrition and physical activity*. Volume 12 (15). <https://ijbnpa.biomedcentral.com/articles/10.1186/s12966-015-0167-7>
- [91] Lawal, F. Taiwo, J and Oke, G. (2015). Impact of Oral Health on The Quality of Life of Elementary School Teachers. *Ethiopian journal of health science*. Vol. 2 no. 3. DOI: 10.4314/ejhs.v25i3.4.
- [92] Lawton, L. J. (2019) Experiences of Health and Illness: Past Research and Future Agendas. *Social Health Ill n.* 2019;25:23-40. Medline:14498928 doi:10.1111/1467-9566.00338
- [93] Lavafpour, Y., Ho, J. & Ng, E. (2017). Thermal comfort and energy performance of public rental housing under typical and near-extreme weather conditions in Hong Kong. *Energy and Buildings*, 156, 390-403.
- [94] Levin, L. (2015). *Standards-Based Assessment of Student Learning: A Comprehensive Approach*. Reston, VA: National Association for Health and Fitness Education. United States.
- [95] Lenzi, M., Sharkey, J., Furlong, M. J., Mayworm, A., Hunnicutt, K., & Vieno, A. (2017). School sense of community, teacher support, and students' school safety perceptions. *American journal of community psychology*, 60(34).
- [96] Lidwall, U. (2015). Sick leave diagnoses and return to work: a Swedish register study. *Disability and rehabilitation*. Volume 379(5). <https://doi.org/10.3109/09638288.2014.923521>
- [97] Linos, E. Ruffini, K. Wilcoxon, S. (2021). Reducing Burnout and Resignations among Frontline Workers: A Field Experiment, SSRN Electronic Journal, 10.2139/ssrn.3846860,
- [98] Locke, J. Olsen, A. Wideman, R. Downey, M. Kretzman, M. and Kasari, C. (2015). A tangled web: The challenges of implementing an evidence-based social engagement intervention. *Behavior therapy*.

- <https://doi.org/10.1016/j.beth.2014.05.0145>
- [99] Lohmann-Haislah, A., (2012): Stress report Deutschland 2012. Psychische Anforderungen, Ressourcen und Befinden. 1. Auflage. Dortmund: Bundesanstalt für Arbeitsschutz und Arbeitsmedizin 2012.
- [100] Lomr, T. (2016). *Professional and Student Portfolios for Health Education*. Pasig, ON: Rex Bookstore, Manila.
- [101] Lopez, B. Bolano, H. Santiago, E. Marino, Q. and Pol, C. (2020). *Standards-Based Assessment of Student Learning: A Comprehensive Approach*. Reston, VA: National Association for Sport and Fitness Education.
- [102] Lopez, S. Extremera, N. and Ret, L. (2017). Contributions of work-related stress and emotional intelligence to teachers engagement: Additive and interactive effects. *Environmental research and public health*. Volume 14(10) 1156. <https://doi.org/10.3390/ijerph14101156>
- [103] Louw, D., George, E., Esterhuysen, K., (2017) Burnout amongst urban secondary school teachers in Namibia. *SAJIP: S Afr J Ind Psychol* 2017; 37: 189–95.
- [104] Lupton, D. (2020). 'Better understanding about what's going on': young Australians' use of digital technologies for health and fitness. *Sport, Education and Society*, 25(1), 1-13.
- [105] Mathew, A. (2017). *Teaching Health Education*. (3rd Ed.) Toronto: Charles E. Merrill. Canada.
- [106] Marjeta. (2016). Gender Differences in Cardiovascular Diseases Risk for Physical Education Teachers Coll. Department of Anthropology. 2004; 2(2):251–257
- [107] Mazzola J.J., Schonfeld, I.S., & Spector, P., (2015): What qualitative research has taught us about occupational stress. *Stress Health* 2015; 27: 93–110.
- [108] McCleary, K. Goetzl, R. Roemer, E. Berko, J. Kent, K. Torre, H. (2017). *Journal of Occupational and Environmental Medicine* Volume 59 (3) p 256-263 doi: 10.1097/JOM.0000000000000946
- [109] McGuire, K. & McDonnell, J. (2010). Hydrological connectivity of hillslopes and streams: Characteristic time scales and nonlinearities. *Water Resources Research*, 46(10).
- [110] Mehta, R. Giri, S. Mallick, B. (2020). REM sleep loss-induced elevated noradrenaline could predispose an individual to psychosomatic disorders: a review focused on for proposal prediction, prevention, and personalized treatment. *EPMA journal*. Volume 11 pages 529-549. <https://link.springer.com/article/10.1007/s13167-020-00222-1>
- [111] Millstein, S. and Irwin, C. (2017) Concepts of health and illness: different constructs of variations on a theme? *Health Psychol*. doi:10.1037/0278-6133.6.6.515
- [112] Milner, J. and Poll, R. (2016). *Innovative business education design for 21st century learning*. Springer
- [113] Mittelmark, M. Eriksson, M. Pelikan, J. Espnes, G. Sagy, S. Bauer, G. Lindstrom, B. (2017). Springer International Publishing AG Switzerland. DOI 10.1007/978-3-319-04600-6
- [114] Nubling M, Vomstein M, Haug A, et al. (2014): European-wide survey on teachers work related stress – assessment, comparison and evaluation of the impact of psychosocial hazards on teachers at their workplace.

- www.etcu.com/home/etce/Publications2011/Final_Report_on_the_survey_on_WRS-2011-eng.pdf (last accessed on 1 December 2014)
- [115] Otero-López, J. M., Santiago, M. J., & Castro, M. C. (2021). Big Five Personality Traits, Coping Strategies and Compulsive Buying in Spanish University Students. *International Journal of Environmental Research and Public Health*, 18(2), 821.
- [116] Ostrom, A. Parasuraman, A., Bowen, D., Patrício, L., & Voss, C. (2015). Service research priorities in a rapidly changing context. *Journal of service research*, 18(2), 127-159.
- [117] Patdu, I. (2016). Health information privacy in the Philippines: Trends and challenges in policy and practice. *Acta Medica Philippina*, 50(4).
- [118] Patterson, N., Bates, B., Chadwick, A., Nieto-Sanchez, C., & Grijalva, M. J. (2018). Using the health belief model to identify communication opportunities to Prevent Chagas disease in Southern Ecuador. *PLoS neglected tropical diseases*, 12(9), e0006841.
- [119] Parker, E. McArdle, P. Gioia, D. Trilling, A. Robertson, M. Costa, N. Berman, B. and D'Adamo (2019). Global advances in health and medicine. <https://doi.org/10.1177/2164956119873276>
- [120] Pichler, S. Wen, K. and Ziebarth, N. (2021). Positive health externalities of mandating paid sick leave. *Journal of policy analysis and management* Volume 40 (3). p. 715-743. <https://doi.org/10.1002/pam.22284>
- [121] Pirzadeh et al. (2016). Healthy lifestyle in teachers. *J Educ health Promotion*.
Doi: 10.4103/2277-9531.104816
- Phelamei, P. (2019). Role of Yoga for the prevention & management of COVID- 19-A review. *International Journal of Research in Pharmaceutical Sciences*, 1720-1724.
- [122] Pronizius, E., & Voracek, M. (2020). Dermatologists' perceptions of suicidality in dermatological practice: a survey of prevalence estimates and attitudes in Austria. *BMC dermatology*, 20(1), 1-22.
- [123] Rieckmann, M. (2018). Learning to transform the world: Key competencies in Education for Sustainable Development. *Issues and trends in education for sustainable development*, 39, 39-59.
- [124] Ritvanen, T. Louhevaara, V. Helin, P. Vaisanen, S. (2016). Responses of the autonomic nervous system during period of perceived high and low work stress and older female teachers. *Applied ergonomic*. <https://doi.org/10.18717/j.apergo.06.013>
- [125] Ross, B. M., & Barnes, D. M. (2018). Self-determination theory with application to employee health settings. *Workplace health & safety*, 66(8), 367-372.
- [126] Saliba, Y., & Barden, S. (2017). Counselors and Workplace Wellness Programs: A Conceptual Model. *Professional Counselor*, 7(2), 104-113.
- [127] Salla, M. (2015). The experience of elderly people to cope with their lives at home: a literature review. <https://www.theseus.fi/handle/10024/90254>
- [128] Scheuch K., Haufe E., & Seibt R., (2015) Teachers' health. *Dtsch Arztebl Int* 2015; 112: 347–56. DOI: 10.3238/arztebl.2015.0347
- [129] Scheuch, K., Haufe, E., & Seibt, R. (2015). Teachers' health. *Deutsches Ärzteblatt International*, 112(20), 347.

- [130] Schueller, S. M., Neary, M., O'Loughlin, K., & Adkins, E. C. (2018). Discovery of and interest in health apps among those with mental health needs: survey and focus group study. *Journal of Medical Internet Research*, 20(6), e10141.
- [131] Schumacher L, Nieskens B, Sieland B, et al. (2014): DAK-Gesundheit & Unfallkasse NRW (eds.): Handbuch Lehrergesundheit – Impulse für die Entwicklung guter Schulen. Köln: Carl Link 2014.
- [132] Shin, H., Noh, H., Jang, Y. and Douglas, H. (2018) A longitudinal examination of the relationship between teacher burnout and depression. *J Employment Couns*; 50: 124–37.
- [133] Silvast, A. and Virtanen, M. (2019). An assemblage of framings and trainings: multi-sited analysis of infrastructure as a methodology. *Journal of cultural economy*. Volume 12 (6). <https://doi.org/10.1080/17530350.2019.1646156>
- [134] Skaalvik, E. and Skaalvik, S. (2015). Job satisfaction, stress and coping strategies in the teaching profession-what do teachers say? *International Education Studies*,v8(3)p181-192 <https://eric.ed.gov/?id=EJ1060892>
- [135] Smith E, Lemke J, Taylor M, Kirchner HL, Hoffman H. (2009). Frequency of voice problems among teachers and other occupations. *J Voice*; 12:480–99.
- [136] Smith, B., Tomasone, J. R., Latimer-Cheung, A. E., & Martin Ginis, K. A. (2015). Narrative as a knowledge translation tool for facilitating impact: Translating physical activity knowledge to disabled people and health professionals. *Health psychology*, 34(4), 303.
- [137] Soares, H. Sadka, T. Azulay, S. Eden, K. Shlomo, Y. Ofek, T. Bachrach, D. Steven, J. Colibaseanu, D. Segal, L. Kashyap, P. and Nelson, H. (2019). Assessment of a personalized approach to predicting postprandial glycemic responses to food among individual without diabetes. *Diabetes and endocrinology*. doi:10.1001/jamanetworkopen.2018.8102
- [138] Souza, R., Mente, A., Maroleanu, A., Cozma, A. Ha, V., Kishibe, T. & Anand, S. (2015). Intake of saturated and trans unsaturated fatty acids and risk of all cause mortality, cardiovascular disease, and type 2 diabetes: systematic review and meta-analysis of observational studies. *Bmj*, 351.
- [139] Sorensen, J., Laugier, L., & Androutsopoulos, I. (2021). Semeval-2021 task 5: Toxic spans detection. In *Proceedings of the 15th International Workshop on Semantic Evaluation (SemEval-2021)* (pp. 59-69).
- [140] Steinhardt, M., Smith, Jaggars, S., Faulk, K., Gloria, C., (2017) Chronic work stress and depressive symptoms: assessing the mediating role of teacher burnout. *Stress Health* 2017; 27: 420–9.
- [141] Stoeber, J. (2016). Perfectionism in school teachers in relations with stress Appraisals, coping styles and burnout. *Journal of Psychology*. 21(1): 37- 53.
- [142] Svalastog, A. Donev, D. Kristoffersen, N. and Gajovic, S. (2017). Concepts and definitions of health and health-related values in the knowledge landscapes of the digital society. *Croatian medical journal*. doi: 10.3325/cmj.2017.58.431
- [143] Switkes, E. (2017). 6. The University of California Voluntary Early Retirement Incentive Programs.

- In *To Retire or Not?* (pp. 106-121). University of Pennsylvania Press.
- [144] Taylor, J. S. (2019). *Health and Wellness Education Curriculum Support: Kindergarten to Grade 10*. Toronto, ON: Ontario Physical and Health Education Association.
- [145] Torjman, P. J. (2015). *Healthy Active Living Standards for Wellness and Health Education in Ontario: Grades 1–9*. Toronto, ON: Ontario Physical and Health Education Association.
- [146] Trigueros, R. Parra, J. Cangas, A. Liria, R. and Alvarez, J. (2019). Influence of physical education teachers on motivation, embarrassment and the intention of being physically active during adolescence. *Environment research and public health*. Vol 16. Issue 13. DOI: 10.3390/ijerph16132295.
- [147] Tsai, R., Alterman, T., Grosch, J. W., & Luckhaupt, S. E. (2019). Availability of and participation in workplace health promotion programs by sociodemographic, and occupation, work organization characteristics in US workers. *American Journal of Health Promotion*, 33(7), 1028-1038.
- [148] Vladut, C. and Kállay, É. (2019) Psycho-emotional and organizational aspects of burnout in a sample of Romanian teachers. *Cogn Brain Behav* 2019; 15: 331–58. *An International Journal of Medicine*, Volume 110 (5) Pages 271–J275, <https://doi.org/10.1093/qjmed/hcw190>
- [149] Volpp, K. and Asch, D. (2017). Make the healthy choice the easy choice: using behavioral economics to advance a culture of health.
- [150] Weimer, D. and Vining, A. (2017). Policy analysis: Concepts and practice. Routledge. 711 Third avenue, New York.
- [151] Weist, M. Bruns, E. and Whitaker, K. (2017). School mental health promotion and intervention: Experiences from four nations. *School psychology international*. <https://doi.org/10.1177/0143034317695379>
- [152] Wiles, R., Prosser, J., Bagnoli A., Clark A., Davies K., Holland, S., & Renold E., (2018) Visual Ethics: Ethical Issues in Visual Research. Retrieved from <http://eprints.ncrm.ac.uk/421/1/MethodsReviewPaperNCRM-011.pdf>
- [153] Wilson, D., Errasti-Ibarrondo, B. Low, G., O'Reilly, P., Murphy, F., Fahy, A., & Murphy, J. (2020). Identifying contemporary early retirement factors and strategies to encourage and enable longer working lives: A scoping review. *International journal of older people nursing*, 15(3), e12313.
- [154] Wolfe, L. (2013). The profession of school nursing. In Selekman, J. (Ed.), *School nursing a comprehensive text* (2nd ed., pp. 25–47). Philadelphia, PA: FA Davis.
- [155] Wolff, C., Mikhieieva, O., & Nuseibah, A. (2021). Competences and the digital transformation. In *Project Management and Engineering Research* (pp. 221-234). Springer, Cham.
- [156] Wongtongkam, N. Skoko, B. Duncan, R. and Bellio, M. (2017). The influence of a mindfulness-based intervention on job satisfaction and work-related stress and anxiety. *International journal of mental health promotion*. Volume 19 (3). <https://doi.org/10.1080/14623730.2017.1316760>
- [157] World Health Organization. (2017).

Global diffusion of eHealth: making universal health coverage achievable: report of the third global survey on eHealth. World Health Organization.

- [158] Zhang, Z. Wang, Q. Liu, X. Song, P. and Yang, B. (2017). Differences in inhibitory control between impulsive and premeditated aggression in Juvenile inmate. *Frontiers in human neuroscience*.
<https://doi.org/10.3389/fnhum.2017.00373>

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