

DNP 810 Emerging Areas Of Human Health Assignment Papers

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DNP 810 Full Course Discussions GCU

DNP 810 Topic 1 DQ 1

Choose a news story, within the last two years, about genetic or genomic technology. What is the issue presented? From the perspective of an RN or APRN, what are the ethical, cultural, religious, legal, fiscal, and societal implications of the issue? Explain. Support your rationale with a minimum of two scholarly sources.

Answer & Explanation To Topic 1 DQ1

Genomic Medicine

In December 20, 2019, Jackson Laboratory news post by Mark Wanner, the article speaks vehemently about the developmental cycle and changes that genomic medicine has enjoyed in the second decade of the 21st century. The author explains the strategic changes that have transformed the decade into a genomic technology era. The process of pharmacogenomics and development has been highly felt in monogenic diseases and mutational drivers in cancer (McCarthy, McLeod & Ginsburg, 2013).

From a Registered Nurse's perspective, the advent of genetic engineering and clinical sequencing of genomic medicine shaped the ethical value of evidence-based research in all medicinal studies and innovation.

Step-By-Step Explanation

In December 20, 2019, Jackson Laboratory news post by Mark Wanner, the article speaks vehemently about the developmental cycle and changes that genomic medicine has enjoyed in the second decade of the 21st century. The author explains the strategic changes that have transformed the decade into a genomic technology era. The process of pharmacogenomics and development has been highly felt in monogenic diseases and mutational drivers in cancer (McCarthy, McLeod & Ginsburg, 2013).

From a Registered Nurse's perspective, the advent of genetic engineering and clinical sequencing of genomic medicine shaped the ethical value of evidence-based research in all medicinal studies and innovation. The process of genomic medicine is slowly turning the economic and fiscal burden of treating complications such as cancer gene panels and cutting off the mounting costs of trial and error processes of common oncology (Horton & Lucassen, 2019).

The human data resources that come with the process provide a robust foundation of legal and societal viability for the medicine. The new genetic drug will help the U. S healthcare system expand to the less affluent population with a less expensive genomic drug.

References

Horton & Lucassen. (2019). Recent developments in genetic/genomic medicine. *Journal of Clinical Science* Vol. 133 No. 5, 697-708.

McCarthy, McLeod & Ginsburg. (2013). Genomic Medicine: A Decade of Successes, Challenges, and Opportunities. *Science translational medicine* 5(189), 1-17.

DNP 810 Topic 1 DQ 2

Identify a specific disease encountered in your clinical practice or personal life. Can your patient's understanding of DNA/RNA replication, transcription, and translation affect the management of the disease? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 2 DQ 1

Identify a [complex inheritance health issue](#) you encountered in your clinical practice or personal life. How would you approach working with a patient with a complex inheritance health issue? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 2 DQ 2

Refer to the complex inheritance health issue identified in DQ 1. Given available genetic tests, which would you use to screen and diagnose this issue? How can the doctoral-prepared nurse apply this information in practice? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 3 DQ 1

A [multi-generational family health history](#) can facilitate your management of a patient's disease. What model would you use to create a multi-generational [family health history](#) for a patient? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 3 DQ 2

Why is it important to have a comprehensive health and physical assessment that includes information on environment and genomic influences? How can the doctoral-prepared nurse apply this information in practice? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 4 DQ 1

In the past decade there have been many advances in genetics and genomics and their application to health screening, diagnosis, treatment, and prognosis. What recent advancement do you believe is the most significant for your clinical practice? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 4 DQ 2

Genetic/genomic factors are known to contribute to variability of pharmacologic responses in some patients. How does the variability of responses result in tailoring pharmacologic agents to the care of these patients? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 5 DQ 1

Health issues in a clinical setting can be influenced by nutrition. Identify a health issue that has been positively influenced by nutrition in your clinic. How does nutrition improve health? How can the doctoral-prepared nurse apply this information in practice? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 5 DQ 2

Choose one disorder of malnutrition that is found in your clinical setting or community. What are the genetic and environmental influences on this disorder, including prevalence rates, testing, treatment, and prognosis? How can the doctoral-prepared nurse apply this information into practice? Explain. Support your rationale with a minimum of two scholarly sources.

DNP810 Week 5 Discussions Sample Solutions

DQ 1

Describe one health issue and discuss how nutrition can impact this health issue positively and negatively.

Diabetes is a common health issue nowadays. Most of the people who are suffering from diabetes also suffer from different other issues. Diabetes and nutrition has a direct relationship in both positive and negative manners. Nutrition and diet habits directly affect our body and life. Poor nutrition means damage to physical and mental health.

A healthy and nutrition full diet is considered to be the therapy of this disease but sometimes it also creates worse conditions. If a diabetic person eats against their nutrition plan it will lead to some time death. Nutrition is an essential part of diabetes care.

As opposed to a prohibitive diet, a diet reasonable for diabetes is just adhering to a good diet plan that is individualized by your necessities and way of life. Individuals with

diabetes don't have to go on an extraordinary diet. You may need to change your diet, instead of redesign it.

On the off chance that you have diabetes, your specialist would likely prescribe that you see a Dietitian to direct you on dietary changes that can enable you to control your blood glucose levels and deal with your weight. For ideal diabetes control, one must perceive that amount and nature of starches are to be considered. Not all sugars influence your blood glucose levels in a similar way.

References

Gibaldi, J. (2004). *MLA Handbook for Writers of Research Papers* (sixth edition). . New York: The Modern Language Association of America.

Singh RB, R. S. (1997). Diet and lifestyle guidelines and desirable levels of risk factors for the prevention of diabetes and its vascular complications in Indians: a scientific statement of the International College of Nutrition. *J Cardiovasc Risk* , 4:201–8.

DQ 2

Choose one disorder of malnutrition. Discuss the genetic and environmental influences on this disorder, including prevalence rates, testing, treatment, and prognosis.

Scurvy is the common disorder of malnutrition. It occurs because of the absence of Vit-C. Scurvy is uncommon in industrialized countries, however it can influence more established individuals, the individuals who devour inordinate amounts of liquor, and

individuals who don't eat crisp products of the soil. A few newborn children and kids who take after a restricted eating regimen for any reason might be inclined to scurvy.

It is not just a nutritional disorder but it also has some genetic possibilities. It also happens due to the polymorphism in plasma protein haptoglobin. Prompt diagnosis and treatment can prevent the development and complications of malnutrition. The sort of treatment will rely upon the seriousness of the malnutrition, and the nearness of any hidden conditions or complications. The human services supplier will set up a focus on mind design, with particular goes for treatment.

There will ordinarily be a nourishing project with a uniquely arranged eating regimen, and potentially some extra wholesome supplements. Individuals with extreme malnourishment or ingestion issues may require counterfeit nourishing help, either through a tube or intravenously.

The patient will be nearly observed for advance, and their treatment will be frequently surveyed to guarantee their nourishing needs are being met. General checking can help guarantee a suitable admission of calories and supplements. This might be balanced as the patient's prerequisites change. Patients getting fake wholesome help will begin eating typically when they can.

References

Langlois MR, D. J. (1997). Effect of haptoglobin on the metabolism of vitamin C. . Am J Clin Nutr , ;66:606-610.

DNP 810 Topic 6 DQ 1

What is the impact of the aging population on both increased health care expenditures and wasted resources? Do genetics play a role? How can the doctoral-prepared nurse apply this information in practice? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 6 DQ 2

Identify a method that uses evidence-based data to support new or innovative ways to care for the aging population. What are the anticipated outcomes of employing this method and methods like it? How can the doctoral-prepared nurse apply this information in practice? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 7 DQ 1

What is the impact of chronic disease on both increased health care expenditures and wasted resources? Do genetics play a role? How can the doctoral-prepared nurse apply this information in practice? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 7 DQ 2

Identify a method that uses evidence-based data to support new or innovative ways to care for patients with chronic disease. What are the anticipated outcomes of employing this method and methods like it? How can the doctoral-prepared nurse apply this

information in practice? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Emerging Areas Of Human Health Assignment Papers Topic 8 DQ 1

Choose a news story, within the last two years, about genetic or genomic technology. What is the issue presented? From the perspective of an RN or APRN, what are the ethical, cultural, religious, legal, fiscal, and societal implications of the issue? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Topic 8 DQ 2

There are several issues that undermine client rights to make genetic and genomic-related decisions and act. Identify two issues you have seen undermine these rights in your clinical setting. What are potential solutions for each? What is your role as the patient advocate with each issue? Explain. Support your rationale with a minimum of two scholarly sources.

DNP 810 Full Course Assignments GCU

DNP 810 Topic 1 Individual Success Plan (ISP): Part 1

The Individual Success Plan (ISP) assignment in this course requires your collaboration with the course faculty early on to establish a plan for successful completion of mutually identified and agreed upon specific deliverables for your programmatic requirements. Programmatic requirements are: (1) completion of required practice immersion hours, (2) completion of work associated with program competencies, (3) work associated toward completion of your Direct Practice Improvement Project.

General Requirements:

Use the following information to ensure successful completion of the assignment as it pertains to deliverables due in this course:

- Locate and download the Individual Success Plan (ISP) document in the DNP Program Documents folder in the DNP Program Materials section of the DC Network.
- Review the DNP Program Milestones document in the DC Network and identify which milestones apply to this course. Note: Not all courses have milestones.
- Determine what practice experiences you plan to seek to address each competency. Include how many hours you plan to set aside to meet your goals. Learners will apply concepts from each of their core courses to reflect upon, critically examine, and improve current practice, and are required to integrate scholarly readings to develop case reports that demonstrate increasingly complex and proficient practice.
- Use the ISP to develop a personal plan for completing your practice hours and how competencies will be met. Show all the major milestones and deliverables.

Within the ISP, ensure you identify specific deliverables which can include the following: Individualized DNP practice immersion contracts; comprehensive clinical log of hours applied to doctoral level learning outcomes; learner evaluations; mentor evaluations; current and updated CV; scholarly activities; GCU DNP competency self-assessment;

reflective journal; course goals and plan for how competencies and practice immersion hours will be met; faculty and mentor approvals of course goals and documented practice immersion hours; and DPI project milestones.

Directions:

- Identify the specific deliverables you will complete throughout this course from those defined above or others negotiated with your faculty. You must turn in a new ISP in each course.
- Identify the remaining deliverables you will complete in the upcoming courses.
- List the challenges you expect to encounter as you continue the practice hour and competency requirements throughout this course? How might you overcome these challenges?
- You can renegotiate these deliverables with your faculty throughout this course and update your ISP accordingly.
- This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.
- Doctoral learners are required to use APA style for their writing assignments. The APA Style Guide is located in the Student Success Center.
- You are not required to submit this assignment to LopesWrite.

Complete the Contact Information table at the beginning of the ISP document and type in your signature and the date on which you completed the table.

Read the information in the ISP document including the following:

- Learner Expectations
- Derivation of the ISP
- Instructions for completing the ISP

Follow the instructions and complete the ISP.

DNP 810 Topic 1 Family History

Taking a family history is an important step in determining current and future health needs and education. There are many tools available to complete a comprehensive health history. The Surgeon General's Family Health History tool is part of the larger Family Health History Initiative that encourages people to talk about and write down health issues that seem to run in the family, bringing a larger focus on this important issue. This assignment allows the learner to use the tool and become familiar with this initiative.

General Guidelines:

Use the following information to ensure successful completion of the assignment:

- This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

- Doctoral learners are required to use APA style for their writing assignments. The APA Style Guide is located in the Student Success Center.
- This assignment requires that at least two additional scholarly research sources related to this topic, and at least one in-text citation from each source be included.
- You are required to submit this assignment to LopesWrite. Refer to the LopesWrite Technical Support articles for assistance.

Directions: DNP 810 Emerging Areas of Human Health Assignment Papers

Use the “My Family Health Portrait” to document your own family history.

Designate a proband for the pedigree with a disease or condition of interest.

Write a summary (750-1,000 words) of your findings. Include the following information:

- Discuss the heredity patterns discovered.
- Evaluate the risk of transmission to other/new family members.
- Propose the feasibility of using this tool in your own practice.

It may be possible to earn portfolio practice immersion hours for this assignment. Enter the following after the references section of your paper:

Practice Hours Completion Statement DNP-810

I, (INSERT NAME), verify that I have completed (NUMBER OF) clock hours in association with the goals and objectives for this assignment. I also have tracked said practice immersion hours in the Typhon Student Tracking System for verification purposes and will be sure all approvals are in place from my faculty and practice mentor.

DNP 810 Emerging Areas Of Human Health Assignment Papers Topic 2 Case Study: Part 1

You will be creating a case study in stages over four course topics. Use an example from your own personal practice, experience, or own personal/family; however, simulated cases are not acceptable for practice hours and therefore not acceptable for this assignment. Examples might include a patient with Duchesne's muscular dystrophy, Huntington's disease, Down's syndrome, sickle cell anemia, BRCA 1 or BRCA 2 mutations, or other genetic disorder that you and/or the organization in which you practice may specialize in treating.

General Requirements:

Use the following information to ensure successful completion of the assignment:

- This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.
- Doctoral learners are required to use APA style for their writing assignments. The APA Style Guide is located in the Student Success Center.

- This assignment requires that at least two additional scholarly research sources related to this topic, and at least one in-text citation from each source be included.
- You are required to submit this assignment to LopesWrite. Refer to the [LopesWrite Technical Support articles](#) for assistance.

Directions:

For this assignment (Part 1 of the “Case Study”), write a paper (1,000-1,250 words) incorporating genetics information learned from assigned readings in Topics 1 and 2.

Include the following:

- Description of the disease, its prevalence, and its incidence.
 - Discussion of laboratory testing that is possible.
 - Guidelines and reasons behind the FDA regulations for introducing new pharmaceutical agents (policy).
 - The role that money and grants play in scientific advances; the economics of health care (capitalism).
 - The role and involvement family plays into the health care decision. DNP 810
- Emerging Areas of Human Health Assignment Papers

It may be possible to earn portfolio practice immersion hours for this assignment. Enter the following after the references section of your paper:

Practice Hours Completion Statement DNP-810

I, (INSERT NAME), verify that I have completed (NUMBER OF) clock hours in association with the goals and objectives for this assignment. I also have tracked said practice immersion hours in the Typhon Student Tracking System for verification purposes and will be sure all approvals are in place from my faculty and practice mentor.

DNP 810 Emerging Areas Of Human Health Assignment Papers Topic 3 Case Study: Part 2

You will be creating a case study in stages over four course topics. This assignment will add to your previous work in Topic 2. Use an example from your own personal practice, experience, or your own personal/family; however, simulated cases are not acceptable for practice hours and therefore not acceptable for this assignment.

Examples might include a patient with Duchesne's muscular dystrophy. Huntington's disease, Down's syndrome, sickle cell anemia, BRCA 1 or BRCA 2 mutations, or other genetic disorder that you and/or the organization you practice in may specialize in treating.

General Requirements for DNP 810 Emerging Areas of Human Health Assignment Papers

Use the following information to ensure successful completion of the assignment:

- This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

- Doctoral learners are required to use APA style for their writing assignments. The APA Style Guide is located in the Student Success Center.
- This assignment requires that at least two additional scholarly research sources related to this topic, and at least one in-text citation from each source be included.
- You are required to submit this assignment to LopesWrite. Refer to the [LopesWrite Technical Support articles](#) for assistance.

Directions:

For this assignment (Part 2 of the “Case Study”), write a paper (1,000-1,250 words) incorporating genetics information learned from assigned readings in Topics 1-3.

Include the following:

- Describe if chromosomal analysis is/was indicated.
- Detail the causes of the disorder.
- Describe the disorder in terms of its origin as either a single gene inheritance, or as a complex inheritance and considerations for practice and patient education.
- Analyze the gene mutation of the disease, as well as whether it is acquired or inherited, and how the mutation occurs.

It may be possible to earn portfolio practice immersion hours for this assignment. Enter the following after the references section of your paper:

Practice Immersion Hours Completion Statement DNP-810

I, (INSERT NAME), verify that I have completed (NUMBER OF) clock hours in association with the goals and objectives for this assignment. I also have tracked said practice immersion hours in the Typhon Student Tracking System for verification purposes and will be sure all approvals are in place from my faculty and practice mentor. DNP 810 Emerging Areas of Human Health Assignment Papers

DNP 810 Emerging Areas Of Human Health Assignment Papers Topic 4 Genetic Counseling

With the increase in knowledge around genetic issues, it is important that all healthcare providers are prepared to have thorough genetic-based discussions now with their patients. In this assignment, you will synthesize your knowledge into a client case with a real or potential genetic health-related illness.

General Guidelines:

Use the following information to ensure successful completion of the assignment:

- This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.
- Doctoral learners are required to use APA style for their writing assignments. The APA Style Guide is located in the Student Success Center.
- This assignment requires that at least two additional scholarly research sources related to this topic, and at least one in-text citation from each source be included.

- You are required to submit this assignment to LopesWrite. Refer to the [LopesWrite Technical Support articles](#) for assistance.

Directions:

Write a paper (1,000-1,250 words) addressing a client case that might benefit from the process of genetic counseling. Describe the reason for the genetic counseling based on the findings from your completion of the family health portrait. Discuss the possible reactions the patient may have to your counseling and how to avoid negative reactions.

Imagine this assignment as if you are giving this counseling to a patient. Discuss the following:

- Health
- Prevention
- Screening
- Diagnostics
- Prognostics
- Selection of treatment
- Monitoring of treatment effectiveness

It may be possible to earn portfolio practice immersion hours for this assignment. Enter the following after the references section of your paper:

Practice Immersion Hours Completion Statement DNP-810

I, (INSERT NAME), verify that I have completed (NUMBER OF) clock hours in association with the goals and objectives for this assignment. I also have tracked said practice immersion hours in the Typhon Student Tracking System for verification purposes and will be sure all approvals are in place from my faculty and practice mentor.

DNP 810 Topic 5 Case Study: Part 3

You will be creating a case study in stages over four course topics. This assignment will add to your previous work in Topic 3. Use an example from your own personal practice, experience, or own personal/family; however, simulated cases are not acceptable for practice hours and therefore not acceptable for this assignment. Examples might include a patient with Duchesne's muscular dystrophy, Huntington's disease, Down's syndrome, sickle cell anemia, BRCA 1 or BRCA 2 mutations, or other genetic disorder that you and/or the organization you practice in may specialize in treating.

General Requirements:

Use the following information to ensure successful completion of the assignment:

- This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.
- Doctoral learners are required to use APA style for their writing assignments. The APA Style Guide is located in the Student Success Center.

- This assignment requires that at least two additional scholarly research sources related to this topic, and at least one in-text citation from each source be included.
- You are required to submit this assignment to LopesWrite. Refer to the [LopesWrite Technical Support articles](#) for assistance.

Directions:

For this assignment (Part 3 of the “Case Study”), write a paper (1,000-1,250 words) incorporating genetics information learned from assigned readings in Topics 1-5.

Include the following:

- Examine how genetics can influence policy issues.
- Discuss any nutritional influences for the cause of this disease.
- Discuss the process of nutritional assessment and counseling as it relates to health, prevention, screening, diagnostics, prognostics, selection of treatment, and monitoring of treatment effectiveness.
- Discuss the prevalence rates, testing, treatment, and prognosis as they relate to human nutrition.

It may be possible to earn portfolio practice immersion hours for this assignment. Enter the following after the references section of your paper:

Practice Immersion Hours Completion Statement DNP-810

I, (INSERT NAME), verify that I have completed (NUMBER OF) clock hours in association with the goals and objectives for this assignment. I also have tracked said practice immersion hours in the Typhon Student Tracking System for verification purposes and will be sure all approvals are in place from my faculty and practice mentor.

DNP 810 Topic 6 Health Issues For The Aging

As of 2017 health care expenditures in the United States are near 17.9% of our gross domestic product (GDP), with a major portion of Medicare funding going toward chronic illness and care at the last six months of life. The [Patient Protection and Affordable Care Act has made some initial legislative changes in our health](#) system, but not sufficient enough to address our growing expenditures and caring for our large aging population.

In this assignment, learners will synthesize issues in aging with health policy solutions by writing a paper on one health issue for older individuals addressed in the topic and offering a policy solution. Example of issue: In 2014, more than 50% of the costs of institutional long-term care for older persons were paid for with public funds from Medicaid.

General Guidelines:

Use the following information to ensure successful completion of the assignment:

- This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

- Doctoral learners are required to use APA style for their writing assignments. The APA Style Guide is located in the Student Success Center.
- This assignment requires that at least two additional scholarly research sources related to this topic, and at least one in-text citation from each source be included.
- You are required to submit this assignment to LopesWrite. Refer to the [LopesWrite Technical Support articles](#) for assistance.

Directions:

Write a paper (1,000-1,250 words) that addresses a health issue for older individuals.

Include the following:

- Evaluate what the literature suggests as a resolution to your chosen issue.
- Discuss any attempts to incorporate the solution into public policy.
- Determine the barriers to implementation of the solution.
- Analyze the options being discussed for public and/or private funding.
- Propose your own recommendation.

It may be possible to earn portfolio practice immersion hours for this assignment. Enter the following after the references section of your paper:

Practice Immersion Hours Completion Statement DNP-810

I, (INSERT NAME), verify that I have completed (NUMBER OF) clock hours in association with the goals and objectives for this assignment. I also have tracked said practice immersion hours in the Typhon Student Tracking System for verification purposes and will be sure all approvals are in place from my faculty and practice mentor.

DNP 810 Emerging Areas Of Human Health Assignment Papers Topic 8 Individual Success

Plan (ISP): Part 2

As instructed in Topic 1, The Individual Success Plan (ISP) assignment in this course required your collaboration with the course faculty early on to establish a plan for successful completion of mutually identified and agreed upon specific deliverables for your programmatic requirements.

These requirements were as follows: Programmatic requirements are: (1) completion of required practice immersion hours, (2) completion of work associated with program competencies, and (3) work associated toward completion of your Direct Practice Improvement Project.

Resubmit your updated and signed ISP.

DNP 810 Topic 8 Case Study: Cumulative Part 4

You will be creating a case study in stages over four course topics. This assignment will add to your previous work in Topic 5. Use an example from your own personal practice, experience, or own personal/family; however, simulated cases are not acceptable for practice immersion hours and therefore not acceptable for this assignment.

Examples might include a patient with Duchesne's muscular dystrophy, Huntington's disease, Down's syndrome, sickle cell anemia, BRCA 1 or BRCA 2 mutations, or other genetic disorder that you and/or the organization you practice in may specialize in treating.

General Requirements:

Use the following information to ensure successful completion of the assignment:

- This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.
- Doctoral learners are required to use APA style for their writing assignments. The APA Style Guide is located in the Student Success Center.
- This assignment requires that at least two additional scholarly research sources related to this topic, and at least one in-text citation from each source be included.
- You are required to submit this assignment to LopesWrite. Refer to the [LopesWrite Technical Support articles](#) for assistance.

- **Directions:**

For this assignment (Conclusion of the "Case Study"), include Parts 1, 2, and 3 of the "Case Study" in one document, combined with additional genetics information learned from the assigned readings from all course topics. Make sure you have incorporated any faculty feedback received from previous reports. Do not copy/paste entire papers

from Parts 1, 2 and 3. Create a document including only the following areas from previous case reports:

- Describe the disease, its prevalence, its incidence, and general knowledge of the disease.
- Discuss the laboratory testing that can be done.
- Describe if chromosomal analysis is/was indicated and detail the chromosomal change that caused the disease if it is a chromosomal disorder.
- Describe the disorder in terms of its origin as either a single gene inheritance, or as a complex inheritance and considerations for practice and patient education.
- Describe the gene mutation of the disease, as well as whether it is acquired or inherited, and how the mutation occurs.
- Examine how genetics can influence policy issues.
- Discuss any nutritional influences for this disease.
- Process of nutritional assessment and counseling as it relates to health, prevention, screening, diagnostics, prognostics, selection of treatment, and monitoring of treatment effectiveness.

In addition, your case study must include the following:

Part 4:

- Discuss any ethical considerations for this disease.

- Compare how genetics can improve care and health outcomes while reducing cost to usual practices.
- Discuss the changes in approaches to care when new evidence warrants evaluation of other options for improving outcomes or decreasing adverse events.
- Create a plan for how you might educate colleagues and/or patients on this genetic disorder.

It may be possible to earn portfolio practice immersion hours for this assignment. Enter the following after the references section of your paper:

Practice Immersion Hours Completion Statement DNP-810

I, (INSERT NAME), verify that I have completed (NUMBER OF) clock hours in association with the goals and objectives for this assignment. I also have tracked said practice immersion hours in the Typhon Student Tracking System for verification purposes and will be sure that all approvals are in place from my faculty and practice mentor.

DNP 810 Emerging Areas Of Human Health Assignment Papers Topic 8 Reflective Journal

Learners are required to maintain a Reflective Journal integrating leadership and inquiry into current practice.

In your journal, you will reflect on the personal knowledge and skills gained in the current course addressing a variable combination of the following: new practice approaches, intraprofessional collaboration, health care delivery and clinical systems,

ethical considerations in health care, population health concerns, the role of technology in improving health care outcomes, health policy, leadership and economic models, and/or health disparities.

Outline what you discovered about your professional practice, personal strengths and weaknesses that surfaced, what additional resources and abilities could be introduced to a given situation to influence optimal outcomes, and finally how you met the competencies aligned to this course.

Submit your Reflective Journal to both the instructor and the Typhon Tracking System under the corresponding course section. Learners must submit this deliverable in Typhon and LoudCloud. Failure to submit in both locations can result in an “Incomplete” for the course.

DNP 810 Topic 8 Scholarly Activities

Throughout the DNP Program, learners are required to provide a report documenting participation in a minimum of four scholarly activities outside of clinical or professional practice. These reports will be due in specific courses throughout the program (listed below).

Examples of scholarly activities include attending conferences, seminars, grand rounds, participating in policy and quality improvement committees, writing scholarly publications, participating in community planning, serving as a guest lecturer, etc. Involvement and contribution to interdisciplinary initiatives are also acceptable scholarly activities.

Documentation of these activities is required in DNP-810, DNP-820, DNP-830, and DNP-840.

A summary report of the scholarly activity including who, what, where, when, and take-home points will be submitted as the assignment. Include the appropriate program competencies associated with the scholarly activity and the future professional goals related to this activity. You may use the attached template to help guide this assignment.

It may be possible to earn portfolio practice immersion hours for this assignment. Enter the following after the references section of your paper:

Practice Immersion Hours Completion Statement DNP-810

I, (INSERT NAME), verify that I have completed (NUMBER OF) clock hours in association with the goals and objectives for this assignment. I also have tracked said practice immersion hours in the Typhon Student Tracking System for verification purposes and will be sure that all approvals are in place from my faculty and practice mentor.

DNP 810 Topic 8 Practice Immersion Hours Portfolio

The Typhon Tracking System will be used to document and follow the status of your practice immersion hours throughout this and every subsequent course. Learners must be able to document a minimum of 50 concurrently or previously logged practice hours in association with this course, which will contribute to fulfillment of the total required 1,000 post-baccalaureate practice hours by the conclusion of the program.

Review the Practice Immersion Hours Portfolio Required Elements below, then review the “Guidelines for Graduate Field Experience Manual” document in the DC Network for details on what may/may not qualify as practice hours.

Practice Immersion Hours Portfolio Required Elements

The Practice Hours Portfolio (using the Typhon Student Tracking System) will include all the following elements:

- Individual Success Plan signed off by mentor.
- Comprehensive clinical log of hours applied to doctoral-level learning outcomes.
- Learner evaluations (final).
- Practice mentor evaluations (final).
- Current and updated CV (update each course as necessary).
- Faculty approvals of the Individual Success Plan and documented practice immersion hours. (Learner is responsible for obtaining approvals.)
- Practice mentor’s approval of the Individual Success Plan and documented practice immersion hours. (Learner is responsible for obtaining approvals.)

Practice Immersion Hours Completion Statement

Learners will track their practice hours within the Typhon Tracking System throughout each course and via the “Practice Hours Completion Statement” assignment provided in this assignment.

Complete the following statement in a Word document, submit to the instructor, and complete the Typhon Tracking System entries appropriate for this course.

Create a Word document with the following text:

Practice Immersion Hours Completion Statement DNP-810

I, (INSERT NAME), verify that I have completed (NUMBER OF) clock hours in association with the goals and objectives for this course. I also have tracked said practice immersion hours in the Typhon Student Tracking System for verification purposes and will be sure that all approvals are in place from my faculty and practice mentor.

DNP 810 Emerging Areas Of Human Health Assignment Papers Topic 8 Final Evaluation By Mentor

The mentor will perform a final clinical evaluation via the Typhon system. The mentor will receive an email link at the beginning of Topic 6 to access the evaluation through Typhon. Students will access the completed mentor evaluations in Typhon under the tab for "EASI: Evaluation and Survey Instrument " and print the completed evaluation, sign it, and upload the signed evaluation into LoudCloud.

The course faculty will review the evaluation in LoudCloud and confirm in Typhon. It is the student's responsibility to ensure that the mentor has completed the evaluation. If the mentor does not receive the evaluation via the email address on file with GCU, the student should contact the course faculty immediately.

This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

Mentor and Site Evaluation

Students may evaluate both their mentor and the site in which they conducted their practice immersion experience. All students must pull any completed evaluation from Typhon and submit to the classroom.

Students should provide screenshots of evaluation or copy/paste the evaluation from Typhon in the drop box in LoudCloud