

Memorandum

To: Pamela B. Davis, MD, PhD
Dean, School of Medicine
Case Western Reserve University

From: William Schilling, PhD

Faculty Name: [Redacted]

Department: [Redacted]

PROPOSAL

Department: [Redacted] (Semester)

purpose of the proposed graduate certificate, [Redacted]

[Redacted text describing the purpose and details of the proposed graduate certificate]

Department Chair Signature

SIGNATURE: Department Curriculum Chair/Professor [Redacted]

[Redacted text at the bottom of the page, possibly a signature line or additional notes]

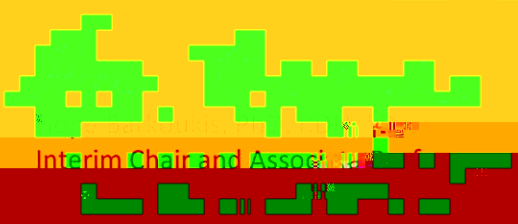
event that is being presented.

Thank you for your attention.

Who may be in other clinically based settings who would also benefit from this Certificate program? This program is designed for students who are currently in a clinical setting or who will be in a clinical setting in the future. It is a great opportunity for students to gain hands-on experience and to learn from experts in the field. The program is also a great way for students to build their resumes and to gain valuable skills that will be useful in their careers. The program is open to all students who are currently in a clinical setting or who will be in a clinical setting in the future. It is a great opportunity for students to gain hands-on experience and to learn from experts in the field. The program is also a great way for students to build their resumes and to gain valuable skills that will be useful in their careers.

Who may be in other clinically based settings who would also benefit from this Certificate program?

Students who are currently in a clinical setting or who will be in a clinical setting in the future.



Interim Chair and Associate Chair

Proposal
Graduate Certificate in Maternal and Child Nutrition
August 2015

The Department of Nutrition in the School of Medicine presents this proposal and is committed to sponsoring this new graduate certificate program. This program has been informally administered as an “option” or as a “specialty” by the previous Director of the MS/Public Health Nutrition Dietetic Internship Program. The Department wishes to formalize this program as an official graduate certificate program at Case Western Reserve University for our MS/Dietetic Internship students and non-degree Registered Dietitian Nutritionists or other licensed health care professionals who are pursuing certifications for their professional advancement or for continuing education credits.

Justification for a Graduate Certificate in Maternal and Child Nutrition

Healthy People 2020 identified 33 objectives for Maternal and Child Health. Many, if not most of these objectives have a strong nutrition component. Ensuring good nutritional status for women of child-bearing age before conception and during pregnancy is crucial to achieving objectives like MICH-1.1: Reduce the rate of fetal deaths at 20 or more weeks of gestation and MICH 8: Reduce low birth weight and very low birth weight.

Maternal and child malnutrition, defined as both under-nutrition and over-nutrition, is a global problem. Maternal iron deficiency can contribute to fetal growth restriction, maternal death and low birth weight while maternal overweight and obesity are associated with maternal death, preterm birth, and increased infant mortality. Undernutrition in infants and children can contribute to increased mortality, stunting of growth and delayed development, and an increase in infectious diseases. Overweight and obesity is increasing in children younger than 5 years of age and can contribute to increased risks for diabetes and cardiovascular disease.

Registered Dietitian Nutritionists are the food and nutrition experts on the inter-professional health care team who are uniquely trained to help our nation achieve the objectives of *Healthy People 2020* and beyond. They provide care for people with various health diseases that are the direct result of over-nutrition and under-nutrition.

Association of Schools and Programs of Public Health's website, gradschools.com, or graduateprograms.com in Northeast Ohio nor in the state of Ohio.

The Master of Science/Coordinated Dietetic Internship and the Master of Science/Public Health Nutrition Dietetic Internship Programs in the Department of Nutrition prepare students to become Registered Dietitian Nutritionists. In the future, there will be increased demand for these professionals and an increase in their employment in community nutrition practice and interventions for disease prevention according to the Accreditation Council for Education in Nutrition and Dietetics. Graduates of both of these MS programs can enhance their employment opportunities by demonstrating competence and focused study in Maternal and Child Nutrition.

Requirements to earn the Graduate Certificate in Maternal and Child Nutrition for students enrolled in the MS/Coordinated Dietetic Internship or the MS/Public Health Nutrition Dietetic Internship.

Four courses, totaling 12 credit hours, will be required for the proposed certificate. Any student who is enrolled in the MS/Coordinated Dietetic Internship or the MS/Public Health Nutrition Dietetic Internship and the MD/MS in Nutrition, the SOM, Cleveland Clinic Lerner College of Medicine, Physician Assistant Program, and Nurse Practitioner Program can earn this certificate.

Students who are enrolled in either of the two MS/Dietetic Internship Programs can earn the graduate certificate while completing their degree program.

Students enrolled in the MS in Nutrition program and students enrolled in other MS programs in the School of Medicine will not be eligible due to the strong clinical nutrition component in the required coursework.

There is no required clinical component for the Graduate Certificate in Maternal and Child Nutrition. However, one of the required courses, NTRN 533 – Neonatal Nutrition (see page 4) is taught in the NICUs at MetroHealth Medical Center and University Hospitals Case Medical Center. Students gain about 30 hours of clinical experience as a component of this course. Students in both programs are taking graduate courses while simultaneously completing supervised practice hours that require demonstration of competence in nutrition assessment, nutrition diagnosis, and nutrition intervention in pregnant and lactating women, infants, and children. In addition, students enrolled in these programs may elect to take NTRN 532c (see page 4) which provides 3 credit hours (minimum of 135 clinical hours) of individually arranged clinical experience.

Students will be made aware of the certificate program by their academic advisors as well as by announcements on the Department of Nutrition's website and promotional materials. Students who are already enrolled in one of the two MS/Dietetic Internship programs must complete the "Intent to Complete the Graduate Certificate in Maternal and Child Nutrition Form" (see page 6) after successfully completing one of the required courses with a grade of "B" or better. After completion of all required courses, the student must formally apply to Graduate Studies for the certificate. The certificate will be awarded at the completion of a student's degree program if the

Costs and Income from the Proposed Graduate certificate in Maternal and Child Nutrition

There is no cost associated with this certificate program for enrolled in the MS/Coordinated Dietetic Internship or the MS/Public Health Nutrition Dietetic Internship or MD/MS program since the required courses currently exist. The movement of students through the coursework will be supervised by their academic advisors.

There will be some cost to advising non-degree students who wish to pursue this graduate certificate. The exact cost is not known at this time.

Nominal administrative costs are anticipated which will be covered by the traditional tuition return for our graduate Nutrition students. An administrative fee of \$100 will be utilized to cover costs for non-degree applicants in addition to graduate Studies fees required for the application process for admission.

Program administration, oversight, and evaluation