



N445 Advanced Diabetes Management Course Available Summer/Fall 2008

The Duke University School of Nursing has developed a course that will allow Family Nurse Practitioner and Adult Nurse Practitioner students to gain skills in the pathophysiology, diagnosis and management of patients with diabetes and other metabolic disorders. A 3 credit hour class, taught by diabetes care experts at Duke School of Nursing and Duke Medical Center will cover the various aspects of diabetes care. A 100 hour diabetes clinical capstone experience will allow supervised clinical practice with clients with diabetes as part of the nurse practitioner residency. Students completing this course work will be equipped to provide outstanding care to patients with diabetes in rural and community settings. We also encourage graduates of our program and already practicing nurse practitioners to take this class to strengthen their diabetes management skills.

Why Advanced Diabetes Management?

- Primary care providers manage more than 90% of patients with diabetes. This program provides the nurse practitioner student with needed didactic and clinical skills to provide comprehensive diabetes care to patients in the inpatient and outpatient setting. Emphasis will also be placed on diabetes prevention strategies.
- There are 14.7 million individuals with diabetes in the United States (7% of the population). The number of individuals with diabetes in this country has more than doubled from 1980 to 2004 (from 5.8 million to 14.7 million). Nurse practitioners in primary care will be treating patients with diabetes with increasing regularity in the coming years.
- Capstone intensive diabetes clinical experience. Student clinical experiences are available in a variety of diabetes care settings, including Duke Outpatient Endocrinology specialty clinics, inpatient settings, and community clinics serving diabetic populations.
- Didactic content on advanced pathophysiology of diabetes and other metabolic disorders. Focus on prevention, diagnosis and treatment for diabetes throughout the adult lifespan, including pregnancy and diabetes. Cultural considerations for different patient populations will be incorporated into content and student experiences. Experience in intensive insulin management and management of complicated diabetes.
- Emphasis on nutritional and lifestyle management of type 1 and type 2 diabetes.
- Program based on American Diabetes Association Clinical Practice Recommendations and American Diabetes Educators clinical guidelines.

Comments from our pilot Advanced Diabetes Management Course:

“I was able to become comfortable adjusting complex insulin regimens and in managing the complicated needs of patients with diabetes. I learned the importance of counseling patients in diabetes prevention. I spent clinical hours with a variety of clinicians skilled in managing diabetes. This included a registered dietitian, a certified diabetes educator and nurse practitioners skilled with diabetes management. My skills in providing lifestyle counseling and goal setting became more proficient. I am sure that this experience will make me a better nurse practitioner in whatever clinical setting I may practice.”