

D'YOUVILLE COLLEGE

TESTIMONY ON:

Development of a School of Pharmacy

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**New York State Division of Budget
Budget & Capital Hearing
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D'YOUVILLE COLLEGE

Institution of a New Professional Program - The Doctor of Pharmacy

Introduction/Background

D'Youville College is an independent institution of higher education that offers baccalaureate and graduate programs to students of all faiths, cultures, and backgrounds. Historically, D'Youville College has regarded teacher education and health care education as the two mainstays of the curriculum. Other programs in liberal arts, sciences, and business are strong but smaller programs. While D'Youville has always offered a sound basic education in the arts, science, humanities, and religious studies, it is clear that the two predominant majors by which its graduates were preeminently viewed were as teachers and, since 1946, as nurses.

Over the years, particularly with the advent of coeducation of men and women in 1971, there was diversification but largely in terms of new majors and new levels of graduate education in areas such as occupational therapy, physical therapy, physician assisting, and health services administration. The first two doctoral programs at the college were in Health Policy and Education, and Educational Leadership, respectively. Professional doctorates in physical therapy and chiropractics have been added to the graduate offerings, continuing the basic thrust of the institution to maintain education and health as the college's focal areas for development.

Currently, the college enrolls approximately 3,000 undergraduate and graduate students, about 900 of whom are from Ontario, Canada.

New York State chartered D'Youville College in 1908, meaning the college is preparing to celebrate its Centennial next year. In conjunction with our Centennial celebration, a proposed doctoral program in pharmacy (Pharm.D) is consistent with and complementary to the mission, the vision, and the strategic institutional plan of D'Youville College.

Economic Impact

A reasonable extrapolation from the data contained in the 2001 report entitled "The Economic Impact of Catholic Colleges of Western New York for the 2000-2001

Academic Year” (Stephen M. Horan, St Bonaventure University & George Palumbo, Canisius College) shows D’Youville’s portion of economic impact as:

- **\$101,155,556 total dollar impact**
- **2,061 direct and indirect jobs**

In addition, over the past decade, D’Youville College has made a significant investment of more than \$30 million into renovating and building new facilities on its campus.

Finally, the proposed doctoral program in pharmacy will add approximately 32 new, full-time jobs, including administration, support personnel, admissions counselors and faculty.

Need Statement

America is experiencing a growing shortage of pharmacists to meet the needs of communities, hospitals, extended care facilities, and other health care agencies due to the growing number of senior citizens, the increasing complexity of medical and drug interventions, and continuing need for research not only on pharmaceutical agents, but on care management and expanded services to patients. The number of practicing pharmacists has not kept pace with the increasing number of prescriptions nor with the expanding numbers of patients requiring a variety of maintenance drugs for extended periods of time.

To deal with these realities, the Accreditation Council for Pharmacy Education and the American Association of Colleges of Pharmacy have established new professional and accreditation standards requiring doctoral level training for pharmacists and are appealing for the establishment of additional programs for professional preparation in colleges and universities across the country.

There are currently six schools of pharmacy in New York State. Only two of these institutions are in Western New York: State University of New York at Buffalo and St. John Fisher College in Rochester. The New York State Department of Labor has projected a need for 130 open pharmacy positions in Western and Central New York for

each of the next five years. The estimated net shortage of pharmacists to fill the needs of the region is 85 per year. Nationwide, some estimates run as high as 157,000 pharmacists per year. It is estimated that there are 10 qualified applicants for every opening in existing schools of pharmacy. This situation is exacerbated by the growing need for professionals to cope with the medical needs of an aging population throughout the United States and the projected retirement of the aging practitioners of pharmacy.

It is the intention of D'Youville College to work in a complementary and collegial fashion with the State University of New York at Buffalo and the St. John Fisher College of Pharmacy. There is such a variety of positions to be filled and qualified applicants to be accommodated, that there is no need for inter-institutional competition and conflict. The Erie Niagara region of New York needs another program in pharmacy and D'Youville College is committed to filling that need.

It is important to recognize the increased benefit to the Buffalo/Niagara region from a presence of the Pharm.D program. The students will be engaging in a series of clinical field experiences in our pharmacies, hospitals, and care facilities. This, in turn, could lead to their decision to engage in practice within these same communities upon completion of their programs. The program will also provide the opportunity to attract previously underrepresented students of our community to undertake the preliminary course work that would result in their admission to and completion of doctoral work in the pharmacy program.

Project Description

D'Youville now offers four doctoral programs in health professions. The proposed program in pharmacy would expand the depth and breadth of the course offerings in the basic and applied sciences related to the health professions and would materially advance the opportunities for interdisciplinary study and learning among the faculty and students of the several academic tracks.

The undergraduate portion of the pre-pharmacy curriculum would increase the number of students pursuing chemistry and related science courses and, within the core of the college academic requirements for advancement, would increase the presence of hard

science students among those other students who are pursuing liberal arts, business, and social science majors.

In the doctoral portion of the curriculum, the pharmacy students would have the opportunity not only to have advanced academic, pharmacological, biomedical sciences, and clinical field experiences, but also to engage in interdisciplinary courses with other doctoral students in the examination of organizational dynamics, communications theory, and the analysis of field experiences, which would prepare them for their professional careers as a member of an interdisciplinary team engaged in the furtherance of holistic care and preventive as well as curative practice.

Based on the college's recent experience in the development of doctoral programs, there are a range of planning and institutional and instructional processes leading to the doctorate in pharmacy, including: making certain that the instructional facilities are well equipped and up to date to provide the best learning environment, increasing the number of faculty, developing a quality Pharm.D program curriculum and course syllabi, acquiring adequate library and other information resources, expanding all academic and support services, and, finally, developing a marketing and admission plan which will ensure that all contingencies are anticipated and that there are resources available sufficient to meet all these needs.

Project Cost

It is estimated that, including instructional supplies & services, support personnel, faculty, academic support and program support, the School of Pharmacy start-up budget will be approximately \$3.4 million.

A new academic building, as well as renovation and upgrades to all existing science laboratory space, to support the new pharmacy program adds another \$27 million to the project cost for a total of \$30.4 million.

Summary

The present proposal for a doctoral program in pharmacy is clearly related to the past and to the future at D'Youville. D'Youville in its second century will become a university that is an important intellectual, social, and economic resource for the

Buffalo/Niagara region. D'Youville will be a model learning community, actively engaged with the wider world and influencing it through education, research, and service.

In addition, the doctoral program in pharmacy would expand the contribution of the college to the long-term health and professional needs of the Western New York community. We view this degree program as a valuable resource for expanding the range and quality of pharmaceutical services throughout our region and as a significant opportunity for students, including many of the traditionally underserved minorities, to expand their educational, professional, and service horizons through completion of the curriculum and entering a career with lofty expectations and opportunities.

Thank you for allowing me the opportunity to present to you today and I appreciate your time and consideration.