

Jones, Laureen

**Page: Basic Information**

**Nominator Information**

Please provide your information as the nominator of this partnership.

**Your Name**

Jones, Laureen

**Email Address**

laureengjones@fcshools.net

**Title**

Career and Technical Education Director

**Employer**

Franklin County Schools

**Phone Number**

9194962600

**Your Relationship to the Partnership?**

Novozymes is the world leader in biological solutions. Together with customers, partners and the global community, they improve industrial performance while preserving the planet's resources and help to build better lives. As a partner of the school system, I serve alongside of them on the Business Advisory Council.

**The Partners: Business & Industry**

Please provide basic information on the business and industry organizations involved in the partnership.

**Business/Industry Partner 1**

**Business/Organization Name**

Novozymes, North America

**Address**

77 Perry's Chapel Road

Franklinton North Carolina 27525 US

**Website**

<https://www.novozymes.com/en/north-america>

**Main Career Clusters within Industry**

Agriculture, Food & Natural Resources

**Point of Contact**

Arlene Peters

**Title**

Head of Sustainability

**Email**

ARPP@novozymes.com

**Business/Industry Partner 2 (if applicable)****Business/Organization Name****Address****Website****Main Career Clusters within Industry****Point of Contact****Title**

**Email**

**Business/Industry Partner 3 (if applicable)**

**Business/Organization Name**

**Address**

**Website**

**Main Career Clusters within Industry**

**Point of Contact**

**Title**

**Email**

**Provide information on any other additional business & industry partners not listed above. Also, please use this opportunity to briefly explain the unique roles of these businesses in the partnership (if there are more than one involved.)**

**The Partners: Educational Institutions & Programs**

Please provide basic information on the educational institutions and/or programs involved in the partnership.

**Education Partner 1**

**Educational Institution/Program Name**

Franklin County Schools

**Address**

53 W River Road  
Louisburg North Carolina 27549 US

**Website**

[www.fcschools.net](http://www.fcschools.net)

**What type of institution is it? (If a program, where is it offered?)**

Other

**Point of Contact**

Laureen G. Jones

**Title**

CTE Director

**Email**

laureengjones@fcschools.net

**Education Partner 2 (if applicable)****Educational Institution/Program Name****Address****Website****What type of institution is it? (If a program, where is it offered?)****Point of Contact****Title****Email****Education Partner 3 (if applicable)**

**Educational Institution/Program Name**

**Address**

**Website**

**What type of institution is it? (If a program, where is it offered?)**

**Point of Contact**

**Title**

**Email**

**Provide information on any other education partners not listed above. Also, please use this opportunity to briefly explain the unique roles of these educational institutions/programs in the partnership (if there are more than one involved.)**

**Page: Support Information**

**1. What problem was this partnership developed to solve?**

The partnership between Franklin County Schools Career and Technical Education program and Novozymes, North America was developed to solve the need for practical, realistic work based learning for the students of Franklin County. Further, it was developed to spark conversations between the education world and the industrial world. These conversations allow for better understanding of the needs of the employers in and around Franklin County. Novozymes, North America is one of the largest employers in the area and relies heavily on Franklin County Schools to provide adequate employees for its facility.

The partnership between Novozymes, North America and the Franklin County Schools Career and Technical Education department was also developed to solve the issue for Novozymes of having qualified, loyal employees.

**2. What steps were taken to get the partnership started?**

The steps that were taken to get the partnership started were that representatives from Franklin County Schools and the Career and Technical Education program met with the Novozymes Plant Manager and other Program Managers to discuss Work Based Learning experiences, plant tours and guest speakers for our four middle schools and three high schools. This partnership began as early as the 1980's when the facility moved into the Franklin County area and continues today with great fervor.

### **3. Describe how the partnership was designed to support high-quality CTE.**

The partnership with Novozymes, North America was designed to support high-quality Career and Technical Education by first providing input on current and future workforce demand and skill needs to inform updates to the program of study. Secondly to provide input on the further education and training necessary for career pathways and as an advocate for and the promotion of the Career and Technical Education Program of Study. Finally Novozymes supports Career and Technical Education in providing equipment and supplies from their labs and shop areas, plant tours to students, teachers and staff, career fair presenters, funding for STEM courses in Career and Technical Education, venues for students to learn presentation skills and adult mentors for those students who use the venue space.

Novozymes, North America also provides tangible support that enables Franklin County Schools Career and Technical Education to meet program goals. On a regular basis, Novozymes donates materials and supplies to the entire school system and specific supplies to the Career and Technical Education classrooms. Our Business Advisory Council member is an active advocate for the program and is always willing to assist with Career Fairs and other activities as the need arises.

### **4. What were the results of the partnership? What was innovative about the partnership or its output? How did it benefit students and the community?**

The results of the partnership are that numerous Franklin County Schools graduates have pursued fields in Biotechnology, Technical and Science related careers.

The partnership was innovative due to Novozymes partnering with the Morehead Planetarium to provide STEMVILLE parent nights for elementary, middle and high school students, parents and the community at large. During these nights, all involved learn more about Biotechnology and Science related fields. Although it's not a real town, STEMville is a place where children can practice STEM skills (science, technology, engineering and mathematics) that can help them succeed in school and in life.

The benefits that the students and the community received from this partnership have been enhanced knowledge of the BioProcess industry. Our community also benefits from the financial footprint of Novozymes, North America with it's large number of employees, around 650 employees, the economic benefits from Novozymes, North America have enabled Franklin County to accomplish many things.

Further the partnership with Novozymes, North America boasts a culture that is strongly science based supporting the company's high rating as an innovative leader. The culture at Novozymes, North America also encourages loyalty and aligns corporate and personal values.

### **5. What were the lessons learned during the process of building the partnership? What would you have done differently?**

The lessons learned during the process of building the partnership with Novozymes, North America have been that Novozymes North America is a very community friendly business that believes in giving back to their community. They also have an extensive Bio-Ag program that works with the local farmers in providing nutrients for pasture land. This company currently serves on the Franklin County Schools Career and Technical Education Business Alliance Council and is a very active partner in several district initiatives. (i.e. STEMVILLE, Science Fairs, Career Fairs and Summer Cruising for Teachers).

There are very few things that Franklin County Schools Career and Technical Education would have done differently in building the partnership with Novozymes. Novozymes North America is a very professional, well run business with staff that are second to none.

**6. Is this partnership sustainable? How do you anticipate it will change in the coming year(s)?**

The partnership with Novozymes, North America is sustainable. This partnership continues to be strong in collaboration with Vance Granville Community College in providing high school students enrolled in Biotechnology to continue to obtain articulated credits to earn an Associate of Science degree in BioWorks. Students can obtain credentials to become an entry level Bio-Process Technician with Novozymes, North America, Inc.

In the coming years, Franklin County Schools Career and Technical Education seeks to increase its partnership with Novozymes, North America through establishing an additional partnership with a high school that is in close proximity to the facility. This partnership would include the use of an existing active farm and it's acreage.

**7. How long did it take to create this partnership?**

Less than 6 months

**8. How large of an investment did the businesses and other partner(s) involved make in this partnership (time and money)?**

The size of the investment that Novozymes, North America has made with Franklin County Schools Career and Technical Education Department would be valued at over \$100,000 in monetary donations, equipment, supplies, facility usage and personnel mentoring.

The amount of time that Novozymes has given to this partnership over the last 30 years would be immeasurable. Novozymes, North America operates at the beckon call of the Franklin County School Career and Technical Education department and rarely turns down an opportunity to assist.

**9. Would you or an associate be willing to present a session at an ACTE event about this partnership?**

Yes