



SAMPLE Grant Proposal

STEM Exploration Through Anatomy:
A Partnership Between La Salle High School and Anato-Bee

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STEM Exploration Through Anatomy: A Partnership Between La Salle High School and Anato-Bee

Grant Request

Applicant: La Salle High School
Union Gap, Washington

Project Title: *Inspiring Tomorrow's Healthcare Leaders Through STEM and Anatomy Education*

Funding Request: \$15,000

Project Period: September 2027 – June 2028

Executive Summary

La Salle High School seeks funding to launch an innovative STEM education initiative in partnership with **Anato-Bee**, an anatomy outreach program affiliated with Pacific Northwest University of Health Sciences (PNWU). This project will introduce high school students to anatomy, physiology, biomedical sciences, and healthcare careers through hands-on learning experiences, mentorship from medical students and physicians, and immersive laboratory activities.

The program is designed to increase student interest in STEM fields while providing early exposure to careers in medicine, dentistry, physical therapy, occupational therapy, physician assistant studies, and other health professions. Through interactive workshops and mentorship opportunities, students will gain practical experience and develop the confidence to pursue higher education in healthcare.

Funding will support laboratory materials, anatomical models, educational supplies, transportation to PNWU, student scholarships for participation, and program coordination.

Organizational Background

La Salle High School is a private Catholic college preparatory school located in Union Gap, Washington. Serving students throughout the Yakima Valley, La Salle is committed to academic excellence, leadership, faith, and service while preparing students for success in higher education and meaningful careers.

The Yakima Valley faces ongoing shortages of healthcare professionals while serving a diverse and growing population. Encouraging local students to pursue careers in healthcare helps address workforce needs while creating opportunities for students to return and serve their own communities.

Statement of Need

Many students are interested in science but have limited exposure to real-world medical careers before entering college.

Students often:

- Have little access to anatomy laboratories.
- Have limited opportunities to interact with healthcare professionals.
- Lack mentors working in STEM fields.
- Are unfamiliar with the educational pathways required for healthcare careers.

Research consistently shows that early exposure to STEM careers increases student persistence in science education and college enrollment in STEM disciplines.

The proposed partnership with Anato-Bee addresses these barriers by connecting students directly with physicians, medical students, and anatomy educators.

Project Description

Program Goal

To inspire and prepare high school students for careers in healthcare through engaging, hands-on anatomy and STEM experiences.

Objectives

By the conclusion of the school year, students will:

- Demonstrate increased knowledge of human anatomy.
- Explore a variety of healthcare professions.
- Participate in hands-on STEM activities.
- Build mentoring relationships with medical students.
- Increase awareness of healthcare educational pathways.
- Develop greater confidence in pursuing STEM degrees.

Program Activities

Monthly Anatomy Workshops

Students will participate in interactive workshops covering:

- Human anatomy
- Physiology
- Medical terminology
- Surgical techniques
- Medical imaging
- Biomedical technology

Hands-On Learning

Activities include:

- Organ identification
- Anatomical model exploration
- Medical simulations
- Microscopy
- Clinical case studies

- Problem-based learning
- Biomedical engineering challenges

Healthcare Career Panels

Students will meet professionals including:

- Physicians
- Medical students
- Dentists
- Physical therapists
- Occupational therapists
- Physician assistants
- Researchers

Panel discussions will focus on:

- Career pathways
- College preparation
- Leadership
- Diversity in healthcare
- Work-life balance

PNWU Campus Experience

Students will visit Pacific Northwest University to:

- Tour anatomy laboratories
- Visit simulation centers
- Observe classroom instruction
- Meet faculty
- Interact with current healthcare students
- Learn about admissions and academic programs

Mentorship Program

Each participating student will be paired with:

- Medical students
- Physicians
- Healthcare faculty

Mentors will provide:

- College guidance
- Career coaching
- STEM encouragement
- Leadership development

Expected Outcomes

By the end of the program:

- 40 students will participate.
- 90% of participants will report increased interest in STEM.
- 75% will identify at least three healthcare careers.
- 80% will indicate increased confidence in pursuing college STEM programs.
- Students will complete a capstone anatomy project showcasing their learning.

Community Impact

The partnership will:

- Strengthen collaboration between La Salle High School and PNWU.
- Increase awareness of healthcare careers throughout the Yakima Valley.
- Support workforce development by encouraging local students to pursue medical professions.
- Inspire future physicians and healthcare providers to remain connected to their communities.

The program also promotes educational equity by providing opportunities that many students would not otherwise experience before college.

Evaluation Plan

Success will be measured through:

Student Surveys

- STEM interest
- Career awareness
- Confidence levels

Participation Metrics

- Workshop attendance
- Mentorship engagement
- Campus visit participation

Learning Outcomes

- Anatomy assessments
- Student presentations
- Reflection essays

Long-Term Tracking

La Salle High School will monitor participating students'

- College enrollment
- STEM major selection
- Continued participation in healthcare enrichment programs

Budget

Item	Cost
Anatomy models and supplies	\$3,000
STEM laboratory materials	\$2,500
Transportation to PNWU	\$2,000
Student program materials	\$1,500
Guest speakers and workshops	\$2,000
Mentorship program coordination	\$2,500
Evaluation and assessment	\$500
Program marketing and outreach	\$1,000

Total Request: \$15,000

Sustainability

Following the initial grant period, La Salle High School and Anato-Bee will work to sustain the program through:

- Community sponsorships
- Local healthcare partnerships
- Annual fundraising events
- Foundation grants
- Volunteer engagement from PNWU faculty and students
- Integration into La Salle's ongoing STEM curriculum

The long-term goal is to establish the partnership as an annual STEM enrichment program serving students throughout the Yakima Valley.

Conclusion

The partnership between La Salle High School and Anato-Bee represents an opportunity to inspire the next generation of healthcare professionals through experiential learning, mentorship, and community collaboration. By introducing students to anatomy and biomedical sciences in a hands-on environment, the program will cultivate curiosity, academic achievement, and career readiness while helping address the growing need for healthcare professionals in Central Washington.

With grant support, this initiative will provide students with transformative educational experiences that extend beyond the classroom, empowering them to envision themselves as future physicians, dentists, therapists, and other healthcare leaders who will serve their communities with skill and compassion.