

# UNMC & UNO Building Excellence in Academics Through STEM



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[unmc.edu/ubeats.com](http://unmc.edu/ubeats.com)





# Meet the uBEATS Team



**Peggy Moore**

Director of E-Learning



**Deanna Ingram**

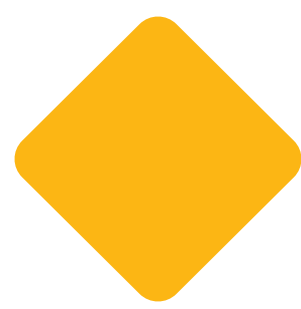
uBEATS Curriculum and  
Education Specialist



**Zuzi Greiner**

Instructional Technologist

Proudly endorsed by and members of 



# uBEATS Milestones

A collaborative partnership between the UNMC High School Alliance, UNMC E-Learning, and the University of Nebraska at Omaha



**2018**

Initial funding received



**2020**

Launched with 65 modules



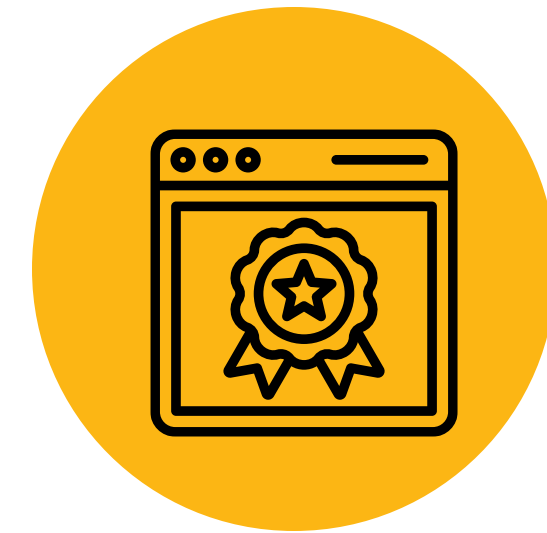
**2022**

New Canvas page and upgrades to modules




**2023**

90 modules



**2024**

Canvas Badges



# **uBEATS offers high-quality digital materials**



**FREE interactive  
online modules  
for grades 6-12th**



**90+ modules in  
science and health  
science topics**



**Companion  
resource for core  
curriculum**



**Vetted by university  
experts**





# uBEATS makes a teacher's job easier



**Graded Summative  
Assessments**



**Aligned to national  
science and health  
science standards**

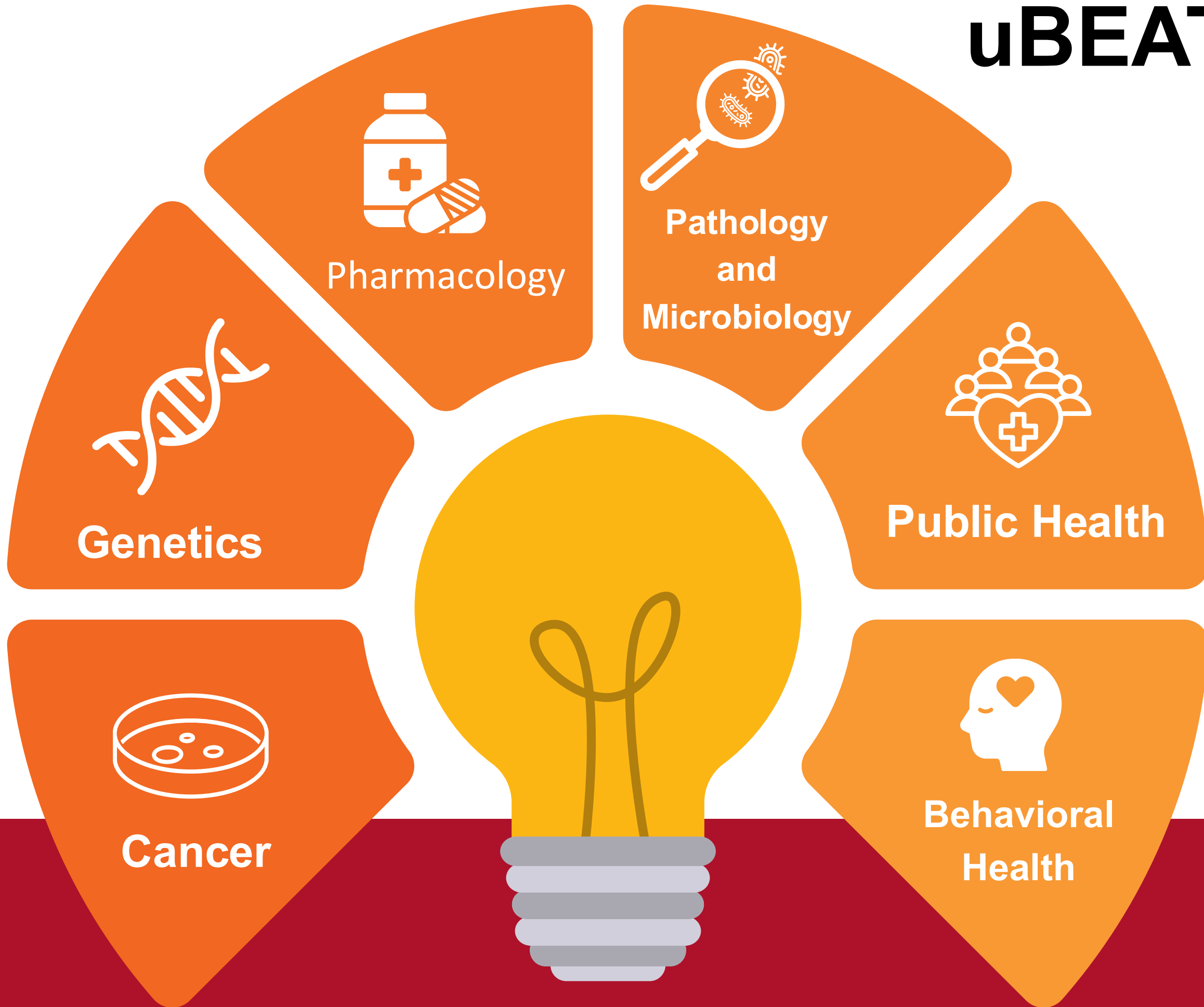


**Curriculum  
integration support**



**Compliant with  
student privacy**

# uBEATS Module Topics



Careers in Health Care

Academic Success

Medical Terminology



# uBEATS Digital Badging

**7 Digital Badges Offered Through Canvas Credentials**

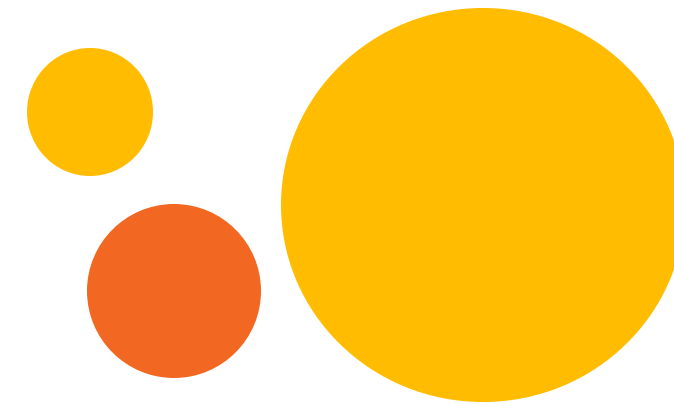
**Pharmacy, Dentistry, Genetics, Public Health, Infectious Disease, Nursing, and Health Careers**

**390 Badges Awarded**





# uBEATS Canvas Page



uBEATS

Welcome! Choose a uBEATS subject to get started.

Genetics



Pharmacology



Pathology and Microbiology



Careers in Healthcare



Cancer



Public Health



Medical Terminology



Behavioral Health



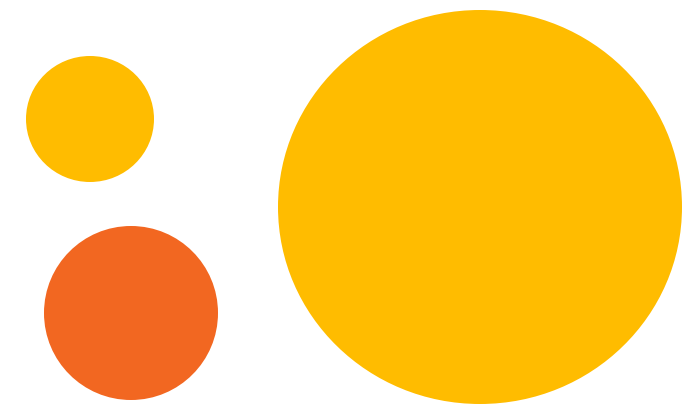
Academic Success

A+





# uBEATS Canvas Page



## Health and Disease

### MODULES

[Introduction to Public Health](#)

[Careers in Public Health](#)

[Sexual Reproductive Health](#)

### TEACHER GUIDES

[Introduction to Public Health Guide](#) ↓

[Careers in Public Health Guide](#) ↓

[Sexual Reproductive Health Guide](#) ↓

## Vaping Prevention

### MODULES

[Vaping Prevention-Lesson 1](#)

[Vaping Prevention-Lesson 2](#)

[Vaping Prevention-Lesson 3](#)

### TEACHER GUIDES

[Vaping Prevention-Lesson 1 Guide](#) ↓

[Vaping Prevention-Lesson 2 Guide](#) ↓

[Vaping Prevention-Lesson 3 Guide](#) ↓

## Climate

### MODULES

### TEACHER GUIDES



# uBEATS Module

uBEATS DNA and Proteins Transcript Exit



**Menu**

- ▶ Introduction
- ▼ Genes to Proteins
  - Genes to Proteins
  - Review Question
- ▶ Proteins
- ▶ Transcription/ Translation
- ▶ Mutations
- ▶ PKU
- ▼ Summative Assessment
  - Final Quiz
  - Quiz Instructions
  - Question 1
  - Question 2
  - Question 3
  - Question 4
  - Question 5
  - Question 6
  - Question 7
  - Question 8
  - Question 9
  - Question 10
  - Satisfaction Survey
- Credits
- Citations
- Credits
- Exit Page

||| ⏪ ⏩ ⏴ ⏵ ◀ PREV NEXT ▶



# uBEATS Module

uBEATS DNA and Proteins

Transcript Exit

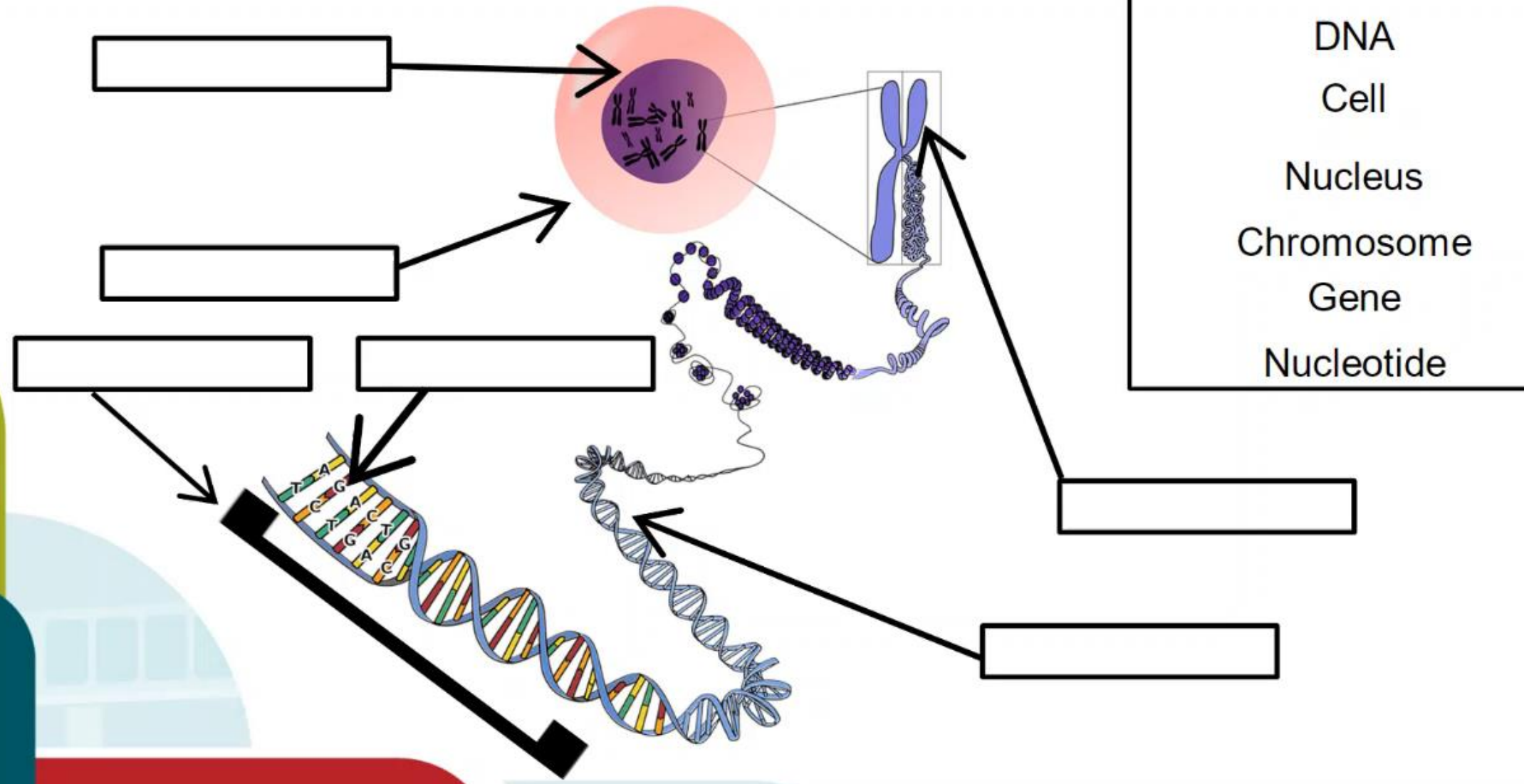


## REVIEW QUESTION

Drag and label the parts of the diagram with the terms from the Word Bank.

### Menu

- Introduction
- Genes to Proteins
  - Genes to Proteins
  - Review Question
- Proteins
- Transcription/ Translation
- Mutations
- PKU
- Summative Assessment
- Credits
- Citations
- Credits
- Exit Page

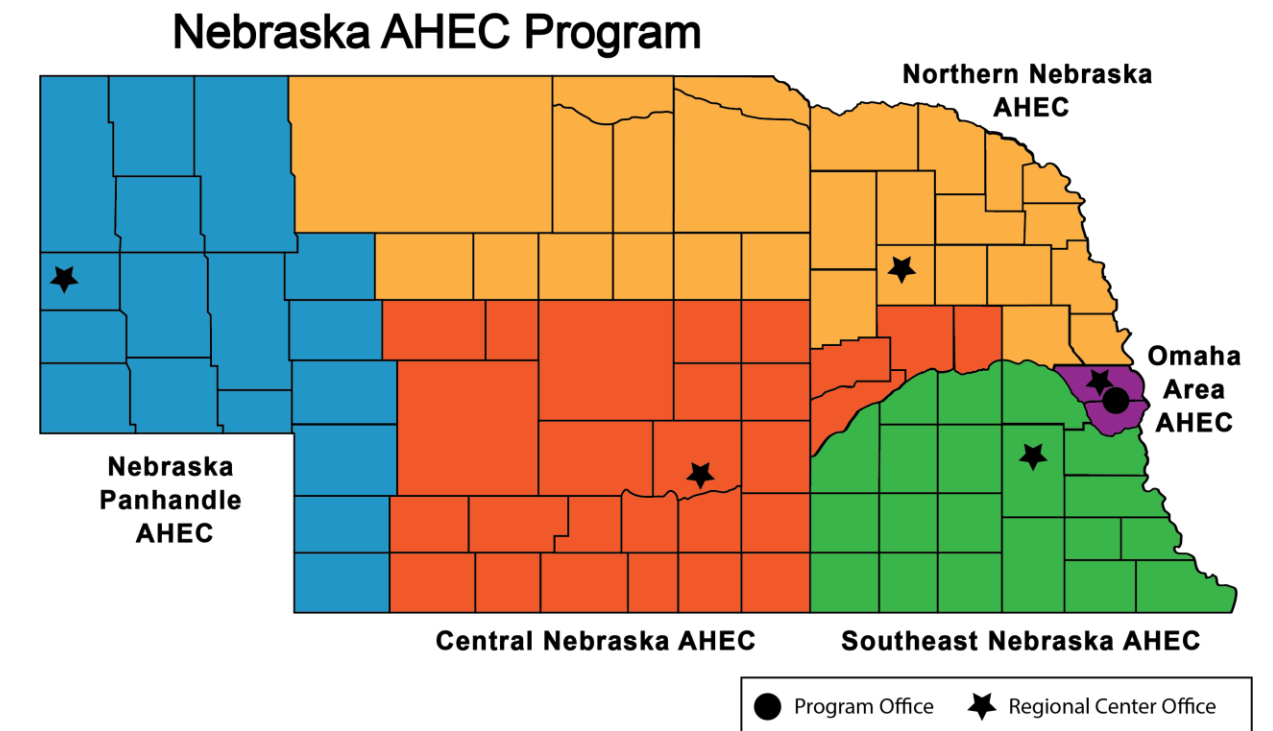


◉ 🔊 🗨️ SUBMIT

# Paving Pathways for Health Careers

## A New Partnership between uBEATS and Nebraska AHEC

Students can participate in a job-shadowing experience within their region and gain the knowledge and competency to jump-start their Healthcare career.



Student Earns uBEATS Badge and Verifies with Teacher



Teacher Makes Contact to AHEC Center Director



AHEC Interest Form is Completed by Student



AHEC Center Director Contacts Student and Student Completes Required Documentation



Job Shadowing Experience Begins!



**Thank You!**  
**ubeats@unmc.edu**  
**www.unmc.edu/ubeats**

  **@ubeats\_stem**

