# **Grading Guidelines:**

Following the assignment guidelines, you score is based on total possible points per feature of your summary. For specific suggestions and comments, please see comments within summary.

## Reference & Style (10 points)

#### Three primary research articles.

5 Excellent	4 Good 3	2 Needs Improvement 1
Three articles are presented. Each article is	Two articles are presented. One or more	One article is presented, or all articles
from a reputable, peer-reviewed journal.	articles is not peer-reviewed.	presented are not peer-reviewed.

#### Citation Style and Format

5 Excellent	4 Good 3	2 Needs Improvement 1
All references are in APA-style, with a	APA-style is used, however the format is	Some other style (MLA, Chicago, etc.) is
consistent format.	inconsistent.	used.

## **Descriptive Summary (15 points)**

#### Background/Scope & Hypothesis/Question

5 Excellent	4	Good	3	2 Needs Improvement 1		
A brief background statement sets the stage	Background is incomplete and/or does not			Background is completely missing, or		
for the reader to understand the topic.	adequately set	the stage for t	he topic.	entirely unclear.		
5 Excellent	4	Good	3	2 Needs Improvement 1		
The main hypothesis or question is clearly	The main hypothesis or question is not			The hypothesis/goal are not stated. The		
summarized.	clearly summarized. Reader must finish goal of the published work			goal of the published work is never		
	annotation to glean the article's purpose. understood.			understood.		

#### Methods, Results & Conclusions

5 Excellent	4	Good	3	2	Needs Improvement	1
The main method and result are succinctly	The main metho	d, result and/	or conclusion	Main me	thod, result and/or cond	clusion
stated. The conclusion to the article is clearly	are not clearly st	tated. Reader	has to figure	are entir	ely missing.	
stated.	this out on her/l	nis own.				

## **Critical Analysis (10 points)**

## Is quality data presented that supports the hypothesis?

5 Excellent	4	Good	3	2	Needs Improvement	1
Annotation points out that the data	Annotation fail	ls to completel	y state the	The qualit	y of the data is not noted	I
presented in the article is consistent,	quality of the data. It's unclear whether the			whatsoever.		
statistically significant and therefore	data is believal	ble.				
believable.						
5 Excellent	4	Good	3	2	Needs Improvement	1
Annotation clearly states whether or not	Annotation sta	ites, somewhat	unclearly,	Annotatio	n is missing a statement	about
the data supports the hypothesis.	whether or not the data supports the			how well t	the data supports the hyp	oothesis.
	hypothesis.					

# Senior Experience in Biochemistry – Annotated Bibliography Rubric

CHE 4960

# **Utility, Limitations & Reflection (10 points)**

## Broader impacts of the study & limitations.

5 Excellent	4 Good 3	2 Needs Improvement 1
Annotation clearly points out how the	Broad impacts of each study is not clearly	Annotations fail to discuss broader impacts
findings of each article adds to the	stated. Limitations, if any, are unclear.	and/or limitations whatsoever.
broader knowledge in the field.		
Limitations, if any, are pointed out.		

## Research topic reflection.

5 Excellent	4 Good 3	2 Needs Improvement 1
EACH annotation points out how the	Two or fewer annotation points out how	One or no annotation points out how the
reference will be useful for student's	the reference will be useful for student's	reference will be useful for student's
research.	research.	research.

# **Grammar & Writing Mechanics (15 points)**

#### **Writing Mechanics**

5 Excellent	4	Good	3	2	Needs Improvement	1
Grammar, punctuation, word usage, and	A few mechani	cal errors, but	does not	Many me	chanical errors severely	detract
spelling enhance paper quality.	distract the rea	ader too greatly	. Annotation is	from mea	aning of paper. Annotatio	n is <i>much</i>
Annotation is 200 words or fewer.	slightly more t	han 200 words.		more tha	n 200 words.	

10+0	l Score:

# **Comments:**