# FALL 2021 CHEM418 STUDENT EVALUATION INSTRUCTIONS
## TO THE EVALUATORS

You have the important task of helping our senior chemistry and biochemistry majors become awesome science communicators. You will do this by giving your honest opinion and evaluation of their oral presentation. This is both a subjective and objective task. To assist you in this process here are some guidelines and clarifications.

1. Please write in the speaker's name and presentation date.
2. If you are a student in CHEM418 or CHEM210, circle student; if you are not faculty, CHEM418 or CHEM210 student, circle guest.
3. Each student presenter will be evaluated in three categories: <u>content</u>, <u>presentation</u>, and <u>presenter</u>. Each category has sub-categories found in the evaluation tables.
4. In the content category the following sub-categories are found: **depth and details** (measures the quantity and thoroughness of the facts, data and evidence presented), **accuracy** (measures the quality of the facts, data and evidence presented), **level** (measures the difficulty-simplicity aspect of the talk; is it at the high school or college level?), **background** (was enough relevant and appropriate 'introductory' information given about the topic and terminology?), **understanding and critical thinking** (did the presenter demonstrate understanding of the content and its significance? did the presenter demonstrate understanding of fundamental knowledge relevant to the topic? did the presenter demonstrate that they 'connected the dots' between the topic, the presentation content, and basic principles of chemistry and or biochemistry?), and **references** (measures the quantity and quality of supporting materials and articles).

# FALL 2021 CHEM418 (CHEMISTRY & BIOCHEMISTRY SEMINAR) STUDENT EVALUATION FORM

Speaker's Name _____ Date _____ Evaluator: <u>Faculty</u>   <u>Student</u>   <u>Guest</u>

## CONTENT EVALUATION

To Evaluator: Assign a number grade, $G$, $(0 - 10)$ for each of the five categories below. Multiply $G$ by importance/weight, $W$. Enter your score in the appropriate column. Compute total.

| GRADING | DEPTH & DETAILS | ACCURACY | LEVEL | BACKGROUND | UNDERSTANDING & CRITICAL THINKING | REFERENCES | |
|---|---|---|---|---|---|---|---|
| Excellent 8 − 10 | High | High | Appropriate | Appropriate, relevant, enough | Deep, high, thorough analysis, demonstrated significance | Relevant, recent, good quantity | |
| Acceptable 6 − 7 | Reasonable | Reasonable | Adequate | Adequate | Average, missed some key points | Adequate, enough | |
| Unacceptable 0 − 5 | Low | Fake news | Too simple | Insufficient | Poor | Insufficient | |
| *Grade* ($G$) | | | | | | | |
| *Weight* ($W$) | 5 | 5 | 5 | 5 | 5 | 5 | |
| Score = $G$ X $W$ | | | | | | | TOTAL = |

## PRESENTATION EVALUATION

Assign a number grade, $G$, $(0 - 10)$ for each of the seven categories below. Multiply $G$ by importance/weight, $W$. Enter your score in the appropriate column. Compute total.

| GRADING | OPENING | ORGANIZATION | DELIVERY | POWERPOINT | LENGTH | CLOSING | Q & A | |
|---|---|---|---|---|---|---|---|---|
| Excellent 8 − 10 | Attention grabbing, title slide | Logical, Coherent | Clear, good pace, well-defined terms | <u>Meets following criteria:</u> One point @ slide Minimal sentences Text & Image size Color contrast Low object numbers | 35 − 45 mins | Clear, Succinct, Future work | Good responses, Knowledgeable, Critical thinking | |
| Acceptable 6 − 7 | Average | Reasonable | Average | | 25 − 30 mins | | Average | |
| Unacceptable 0 − 5 | Dull, no title slide | Poor, Incoherent | Poor, too fast, undefined terms | | 20 mins or less | Confusing, Rambling, No future work | Poor, incorrect, unclear | |
| *Grade* ($G$) | | | | | | | | |
| *Weight* ($W$) | 3 | 4 | 4 | 5 | 4 | 3 | 4 | |
| Score = $G$ X $W$ | | | | | | | | TOTAL = |

## PRESENTER EVALUATION

Assign a number grade, **G**, (0 − 10) for each of the five categories below. Multiply **G** by importance/weight, **W**. Enter your score in the appropriate column. Compute total.

| GRADING | NOTES | VOICE | MANNERISMS | EYE CONTACT | PROFESSIONAL | |
|---|---|---|---|---|---|---|
| Excellent 8 − 10 | Minimal reliance on notes | Strong, Engaging, Clear | In sync | Connects with audience | High | |
| Acceptable 6 − 7 | Average | Reasonable | Average | Reasonable | Adequate | |
| Unacceptable 0 − 5 | Too much reliance on notes | Too soft, Unclear | Distracting | Poor | Poor | |
| *Grade* (**G**) | | | | | | |
| *Weight* (**W**) | 3 | 4 | 2 | 3 | 5 | |
| Score = **G** X **W** | | | | | | TOTAL = |

**TOTAL SEMINAR** (content + presentation + presenter) **SCORE:** _____

**FEEDBACK** (provide comments for improvement and or of compliments)

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