

Biology Seminar Evaluation Form (Students)

Presenter: _____

Evaluator: _____

Background

- Clearly established objective, hypothesis or research question
- Explained context of the work, using references to published research of others working in this field
- Main points of the introduction were understandable to a broad audience

What did you think the speaker did well in communicating the background?

What did you think the speaker needed to improve in this area?

Communication of Research

- Clear, appropriate summary of techniques (audience should clearly understand how you did the experiment but does not need recipes)
- Understood and explained the design of the experiment, including appropriate controls
- Explained the data clearly and in detail (includes going carefully through graphs, gels, spectra, etc.)
- Analyzed the data appropriately and explained the analysis clearly
- Put conclusions in context of the research question and the literature

What did you think the speaker did well in communicating his/her research?

What did you think the speaker needed to improve in this area?

Presentation

- Good mechanics (volume, pacing, enunciation, eye contact)
- Appropriate, easy-to-read figures
- Effective slides with useful images, not wordy
- Good spelling, grammar and proofreading
- Professional presentation (dress, tone, interaction with audience, etc.)

What did you think were the strengths of the speaker's presentation?

What did you think the speaker needed to improve in this area?

Biology Seminar Grading Form (Faculty)

Presenter: _____

Evaluator: _____

Background

Grade: _____

- | | | | |
|---|------|------------|--------|
| • Clearly established objective, hypothesis or research question | weak | acceptable | strong |
| • Explained the context of the work, using references to the published research of others working in this field | weak | acceptable | strong |
| • Main points of the intro. were understandable to a broad audience | weak | acceptable | strong |

Comments

Communication of Research

Grade: _____

- | | | | |
|--|------|------------|--------|
| • Clear, appropriate summary of techniques (audience should clearly understand how you did the experiment but does not need recipes) | weak | acceptable | strong |
| • Understood and explained the design of the experiment, including appropriate controls | weak | acceptable | strong |
| • Explained the data clearly and in detail (includes going carefully through graphs, gels, spectra, etc.) | weak | acceptable | strong |
| • Analyzed the data appropriately and explained the analysis clearly | weak | acceptable | strong |
| • Put conclusions in context of the research question and the literature | weak | acceptable | strong |

Comments

Presentation

Grade: _____

- | | | | |
|--|------|------------|--------|
| • Good mechanics (volume, pacing, enunciation, eye contact) | weak | acceptable | strong |
| • Appropriate, easy-to-read figures | weak | acceptable | strong |
| • Effective slides with useful images, not wordy | weak | acceptable | strong |
| • Good spelling, grammar and proofreading | weak | acceptable | strong |
| • Professional presentation (dress, tone, interaction with audience, etc.) | weak | acceptable | strong |

Comments

Overall grade: _____

Preparation with Research Mentor

Grade: _____

- | | | | |
|---|------|------------|--------|
| ● Student was conscientious: initiated contact, kept appointments, etc. | weak | acceptable | strong |
| ● Student was well-prepared for meetings with mentor | weak | acceptable | strong |
| ● Student rehearsed the actual presentation with the research mentor at least one week in advance | yes | no | |
| ● Student was responsive to mentor's suggestions | weak | acceptable | strong |

Comments

Mentor's name: _____

The research presented by the student was completed:

- ☐ in BIOL 400/BCHM 400
- ☐ as summer research with a BIO or CHM faculty member at North Central College
- ☐ in collaboration with a BIO or CHM faculty member during the academic year
- ☐ in an off-campus summer research program (institution: _____)

If research was conducted in a setting other than those listed above, describe below; signature of student's department chair or program coordinator is required to substitute a different kind of research experience