



Bringing Engineering to Life

ASABE¹⁰⁰

A MULTI-MEDIA COMPETITION FOR HIGH SCHOOL STUDENTS

COMPETITION SPECIFICATIONS

Each entrant must submit one essay and one print media addressing the following:

A former U.S. President recently told ASABE members that 'the next fifty years is full of challenges which make it an engineer's dream.' In your opinion, what is the greatest challenge that our world faces? What role will agricultural and biological engineers play in addressing that challenge and how are they uniquely qualified to do so?

Essay Specifications: Typed, double-spaced, page-numbered essay of 1,200-1,500 words in length (the "Essay"), which answers the prompt above (the "Topic"). The essay must be submitted in electronic MS Word (.doc) format. All words in the Essay except the title, bibliography, and footnotes will be counted toward the word limit. Entries over or under the limit will be docked points on a "per word", over or under, basis. Highlight examples from your essay using your print and presentation media. Cite authoritative sources for your work, and include at least three non-internet sources.

Print Media Specifications: Students must submit one brochure (the "Print Medium") that highlights what is discussed in the essay by advertising Agricultural and Biological Engineering to one of the audiences listed below. Indicate on the brochure which audience was chosen.

Print Media Audience Options:

- High School - High School students considering Agricultural & Biological Engineering as a college major.
- Employer - Potential employers of Agricultural & Biological Engineering college graduates.
- Client - Clients/users of Agricultural & Biological Engineering services.
- Other - Another audience as described by the entrant.

This must be submitted on a CD using the specified standard program and/or file formats below. Accepted file formats for the brochure are: MS Word (*.doc), Power Point (*.ppt), Publisher, or Adobe PDF – bi- or tri-fold 8.5x11" or 11x17."

Oral Presentation: The top three National finalists will be invited to present their entry at the ASABE Annual International Meeting in Providence, RI, June 29 – July 2, 2008, where final placing will be decided and winners announced. The finalists will have five minutes to discuss their essays and print media (brochure). The brief presentation should lead into the presentation media (slide show), which the entrant will then show and narrate. Following the presentation, the panel of judges will ask the finalists questions regarding their entries in order to ascertain their level of understanding of the subject.

▪ **Presentation Media Specifications:** National finalists must submit one slide show (the "Presentation Medium") that highlights examples discussed in the essay. This must be submitted on a CD using MS PowerPoint (*.ppt or *.pps).

Originality: Entries must be the entrants' original, previously unpublished work (see anti-plagiarism statement in Permission Form). Entries containing quotations or copyrighted materials that are not properly identified will be disqualified. Entries deemed to contain inappropriate material will be disqualified.

Eligibility: To be eligible, the student must be a high school or home school student (9th – 12th grade) in good standing. Entrant must be a citizen/resident of the United States. Entries will be accepted from individuals only. No team entries will be accepted.

Other restrictions: Entries must be presented and submitted in English. Limit one (1) entry per person. Entries become the property of ASABE and may be used at the discretion of ASABE.

Registration: Entrants must complete the registration form online www.asabe.org no later than **January 25, 2008**.

Submission: All entries must be received by ASABE no later than **February 8, 2008**. A complete entry comprises:

1. Disk(s) containing Essay and Print Medium
2. Signed Permission Form
3. A copy of the entrant's Registration Form
4. A photograph of the entrant, suitable for publication, promotion, and publicity.

Mail to:

American Society of Agricultural and Biological Engineers
ASABE¹⁰⁰ High School Competition
2950 Niles Road
St Joseph, MI 49085 USA
Phone (269) 429-0300, Fax (269) 429-3852

TIMELINE

January 25, 2008 – Registration due online at www.asabe.org

February 8, 2008 – Entries due to ASABE. Include essay, brochure, completed Permission Form and copy of Registration Form.

March 14, 2008 – State-level overall & sub-category judging complete & notification sent to top five State finalists & sponsoring teachers.

April 11, 2008 – District-level overall & sub-category judging complete & notification sent to top five District finalists & sponsoring teachers.

May, 9 2008 – National-level overall & sub-category judging complete & notification sent to top five National finalists & sponsoring teachers.

May 23, 2008 – Finalists must have replied, registered for ASABE Annual International Meeting.

June 13, 2008 – Finalists must have submitted their Presentation Media to ASABE.

June 29 - July 2, 2008 – Final judging & announcement of winners at Providence ASABE Annual International Meeting.

JUDGING

The State finalists are selected from entries submitted, by the stated deadline, to ASABE and the top five finalists in each State are then submitted to the appropriate ASABE District (as described at <http://www.asabe.org/membership/sections/index.html>). The State finalists are judged with "clean-slate" scoring at the District level. The top five finalists from each District are submitted to the National level where they are again judged with "clean-slate" scoring. The top three scoring National Finalists are invited to orally present their entry, including multi-media elements, at the 2008 ASABE Annual International Meeting (AIM) in Providence, RI. The finalists will be judged with "clean-slate" scoring on their presentation skills, including responses to questions posed by the panel of judges. Meeting registration will be complimentary to the finalists. If a finalist cannot attend the meeting, his or her title will be revoked and the next runner-up will be notified. The finalists will present to judges and the session will also be open to the general ASABE membership. Finalists will be sequestered during the oral presentations.

TRAVEL

The top three finalists will be invited to attend the AIM in Providence, RI, the last stage of judging. Finalists will be eligible to receive reimbursement for a maximum of \$1,500 toward travel expenses. Such expenses will be limited to round trip coach airfare and airport transfers, or ground travel if the entrant lives within a 100 mile radius of Providence. ASABE will also provide 2 nights' lodging (standard room, double occupancy) at one of the ASABE Annual International Meeting host hotels. Please arrange this lodging with ASABE staff.

AWARDS

- National: 1st = \$4,000, 2nd = \$2,000, 3rd = \$1,000
- District: 1st = \$150, 2nd = \$100, 3rd = \$50
- State: recognition at the ASABE Section-level

JUDGING DETAILS

Stage 1: State finalists selected from entries submitted to ASABE.

State submits top five (5) winners to ASABE District.

See APPENDIX for definition of Districts.

Stage 2: District finalists selected from State finalists

District submits top five (5) winners to National

Stage 3: National finalists selected from 25 District finalists

Top 3 National finalists selected and invited to present at AIM.

Stage 4: National finalists must present their entry including multi-media elements at the 2008 AIM in Providence, RI.

Finalists will be judged on their presentation skills including response to questions posed by the panel of judges

Judging Parameters

- 3 Judges for each State
- 3 Judges for each District – clean slate from State-level judging
- 3 Judges to select National Finalists – clean slate from District-level judging
- 3 Judges to determine final ranking – clean slate from National-level judging

Judging Criteria

Essay Criteria

Content (60%)

- Importance & appropriateness of examples discussed
- Recognition of the profession
- Knowledge/understanding of profession & impacts
- Suitability of the material/examples used
- Completeness, suitability, and format accuracy of bibliography

Composition (40%)

- Organization and logical development
- Flow of thought process
- Appropriate use of technical and non-technical language/jargon
- Grammar & spelling
- Accomplishment of purpose

Print Media Criteria

- Relevance to Essay
- Visual appeal (appropriate use of color, graphics, & text boxes)
- Clarity of presentation (readability & balance)
- Proper portrayal of the profession to identified audience

Presentation Media Criteria (for National Finalists)

- Relevance to Essay & Print Media
- Visual appeal
- Organization of content (fluidity)
- Accuracy of content
- Description and understanding of the profession
- Appropriate use of graphics (over/under done)

Oral Presentation Criteria (for National Finalists)

- Voice (quality, pitch, articulation, pronunciation, force)
- Stage presence (professional appearance, poise and body posture, personality)
- Power of expression (fluency, emphasis, directness, sincerity, communicative ability, conveyance of thought & meaning)
- Response to questions (ability to clearly answer questions asked by judges indicating originality, familiarity with subject, and ability to think quickly).
- General extent to which the presentation was interesting, understandable, convincing, pleasing, and held audience's attention.

ASABE reserves the right to choose fewer than 3 finalists at any level if, in the judges' sole discretion, they do not receive a sufficient number of eligible and/or qualified entries. Judges reserve the right to not award a first, second, or third place prize if they do not feel that the caliber of entries warrant such a title. All judges at the each level shall score all entries and assign points. Final ranking will be based on a normalized score, not a sum of points earned. The decisions of ASABE and the judges will be final and binding on all matters.

FINALIST NOTIFICATION

Finalists (and sponsoring teachers, principals) will be notified by ASABE by the dates above either by the telephone number or e-mail address and by letter to the address provided on the Registration Form. Finalists must respond by the date specified in the notification and must attend judging at the AIM in Providence, RI, order to be considered for a prize. In the event a finalist is not able to attend the AIM for final judging, ASABE reserves the right to select an alternate finalist. The title and prize will be considered forfeited if any Finalist fails to attend or if: (i) any prize notification is returned as undeliverable, (ii) a Finalist declines his or her prize or cannot travel on dates specified by ASABE, or (iii) a Finalist is determined to be ineligible for any reason.

GENERAL RULES AND REGULATIONS

By entering this Contest, entrants (and their parent or legal guardian and sponsoring teacher):

- (i) agree to be bound by the decisions of ASABE and judges which are final and binding in all matters;
- (ii) grant ASABE and its designees the right, unless prohibited by law, to use their names, cities and states of residence, voices, pictures, and likenesses, without compensation, notification, or permission, for the purpose of advertising and publicity in any and all media, now or after known, throughout the world in perpetuity;
- (iii) acknowledge and agree that ASABE will own and administer 100% of the copyright in all Entries submitted, with the perpetual right to use such Entries. ASABE will own the entries submitted (including the Essay, and Print and Presentation Media, and all rights embodied therein), and its designees may exploit, edit, modify, and distribute the entries and all elements of such entries, including, without limitation, the names and likenesses of any persons or locations embodied therein, in any and all media, now or hereafter known throughout the world in perpetuity without limitation at no additional notification or permission of entrants, their parents or legal guardians or any third party. In addition, entrants (or their parents or legal guardians if such entrant is a minor) forever waive and relinquish all so-called "moral rights" ("droit moral") now or hereafter recognized;
- (iv) acknowledge ASABE expressly disclaims any responsibility and entrants (or their parents or legal guardians if such entrant is a minor) agree to release, indemnify, and hold ASABE harmless for liability, damages, or claims for injury or loss to any person or property (including death) relating to, in whole or in part, directly or indirectly, participation in this Contest, the acceptance and/or subsequent use or misuse of any of the prizes awarded (including any travel or activity release thereto), claims based on publicity rights, defamation, or invasion of privacy;
- (iv) acknowledge ASABE is not responsible for misdirected, inaccurate, incomplete, lost, late, delayed, undelivered, damaged, or illegible entries, and all such entries will be void. ASABE is not responsible for technical, hardware, or software failures of any kind. ASABE reserves the right, in their sole discretion, to cancel, modify, or prematurely conclude the Contest should any computer virus, malfunction, fraud, tampering, unauthorized intervention, or other cause beyond their control corrupt the administration, security, or proper operation of the Contest. If the Contest is cancelled, ASABE may, in its sole discretion, judge all eligible entries received up to time of such action using the judging procedures outlined below to determine either the State, District, or National Finalists and/or Winners. False or deceptive entries or acts will render the entrant ineligible and ASABE reserves the right to disqualify any entrant (and void his/her entry) who attempts to undermine the legitimate operation of the Contest by tampering with any website mechanism, acts in a disruptive manner, or violates these Official Rules.