

# NEVADA SOCIETY OF PROFESSIONAL ENGINEERS

## \$3,500 CHARLIE VAUGHN SCHOLARSHIP INFORMATION

**Deadline: Friday, January 31, 2014**

### GENERAL INFORMATION - QUALIFICATIONS, INSTRUCTIONS, FORMS

UNLV undergraduate engineering majors are invited to apply for the Nevada Society of Professional Engineers (NvSPE) Charlie Vaughn scholarship. Up to \$3,500 in scholarships will be awarded. Scholarship funds may be used to cover the costs of tuition, fees, books, and supplies. **The scholarship award will be presented at the Las Vegas National Engineers' Week Banquet on Saturday, February 22, 2014.**

#### Qualifications:

Applicants must:

- 1) Be registered for at least 12 credits, in good standing, for Spring 2014 as an undergraduate at the University of Nevada, Las Vegas, with a minimum overall GPA of 3.00, and with a graduation date of December 2014 or later,
- 2) Be a declared major or pre-major in computer science or in civil, computer, electrical, entertainment or mechanical engineering at the Howard R. Hughes College of Engineering, and
- 3) Have demonstrated, through academic performance in engineering classes, work experience or extracurricular activities, a high level of interest and ability in the fields of engineering or computer science.

#### Check list of required documentation:

Applicants must:

- 1) Complete and submit the application form on the next page.
- 2) Provide one letter of recommendation from your department chairman
- 3) Provide a current resume showing your current GPA, anticipated date of graduation, relevant job experience, and extracurricular activities.
- 4) Write an original, *researched*, typed essay, 5-10 double-spaced pages in length, on the required topic. Please cite all references you use. The winning essay will be published in the Nevada Society of Professional Engineers newsletter and on the Nevada NSPE website. Plagiarism will result in rejection of an application.
- 5) Submit items 1, 2, 3, and 4, in either one envelope or one electronic PDF file, to Shannon Spollen, Dean's Office, College of Engineering (TBE-A111 or Shannon.spollen@unlv.edu), by Friday, January 31, 2014.
- 6) If you deliver a hard copy of the typed, *proof-read* essay, please also email your completed essay and an electronic photo of yourself in .JPG format to [Shannon.spollen@unlv.edu](mailto:Shannon.spollen@unlv.edu). The essay and photo will be used in the NSPE newsletter, if you are awarded a scholarship.

**Selection process:** The NvSPE southern Nevada chapter Board of Directors will evaluate finalists' applications during their February 7, 2014 meeting. Scholarship recipients will be notified by letter and telephone, and will be invited to attend the Engineers' Week Banquet on Saturday, February 22, 2014 to receive the award. For additional information, please contact Dr. Dave James, College of Engineering at 702-895-5804, Email: [dave.james@unlv.edu](mailto:dave.james@unlv.edu)

**NEVADA SOCIETY OF PROFESSIONAL ENGINEERS**  
**\$3,500 Charlie Vaughn Scholarship**  
**STUDENT APPLICATION FORM – Deadline Friday, January 31, 2014**

**Civil, computer, electrical, entertainment or mechanical major or pre-major, registered for at least**  
**12 credits, minimum GPA 3.00**

**Please Print or Type**

1. Name \_\_\_\_\_  
Last First Middle
2. Mailing Address \_\_\_\_\_
3. Telephone Number: \_\_\_\_\_ Email: \_\_\_\_\_
4. Engineering Major at UNLV \_\_\_\_\_
5. Number of credits enrolled for Spring 2014 (must be at least 12) \_\_\_\_\_
6. Month & year of planned UNLV graduation (must be December 2014 or later) \_\_\_\_\_
7. Person who will provide letter of recommendation:
  - a. Department Chair name \_\_\_\_\_ Department \_\_\_\_\_
8. Extracurricular activities summary, including student professional society activities (ACM, AGC, AISES, ASCE, ASME, IEEE, NSBE, NSPE, SHPE, SWE, etc) & other community or professional service \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**I have read the application instructions, meet the conditions stated in items 4, 5 and 6 above, and have attached my essay, letter of recommendation, and resume.**

Student signature \_\_\_\_\_ Date \_\_\_\_\_

**Instructions for submission: Please mail or hand-deliver resume, essay, completed application form and letter of recommendation in one *large* envelope by Friday January 31, 2014 to:**

Ms. Shannon Spollen  
Office of the Dean  
College of Engineering  
UNLV Box 45-4005  
Las Vegas NV 89154 - 4005

Please also email the completed essay an electronic photo of yourself in JPG format to Ms. Spollen

Email: [shannon.spollen@unlv.edu](mailto:shannon.spollen@unlv.edu)

The essay and photo will be used in the NvSPE newsletter if you are selected. Thank you!

# NEVADA SOCIETY OF PROFESSIONAL ENGINEERS

## \$3,500 CHARLIE VAUGHN SCHOLARSHIP

### INFORMATION FOR RECOMMENDER

**Submission deadline: Friday, January 31, 2014**

UNLV students majoring in engineering may apply for the Charlie Vaughn scholarship offered by the Nevada Society of Professional Engineers. Up to \$3,500 in scholarships will be awarded. Scholarship funds may be used to cover the costs of tuition, fees, books and supplies. **The scholarships will be awarded at the Engineers' Week Banquet on Saturday, February 22, 2014.**

**Qualifications.** Applicants must:

- 1) Be registered in good standing for Spring 2014 as an undergraduate student for at least 12 credits at the University of Nevada, Las Vegas, with a minimum overall GPA of 3.00, with a graduation date of December 2014 or later.
- 2) Be a declared major or pre-major in civil, computer, electrical, entertainment or mechanical engineering at the Howard R. Hughes College of Engineering.
- 3) Have demonstrated, through academic performance in engineering classes, work experience or extracurricular activities, a high level of interest and ability in the field of engineering.

**Your role as a recommender:**

If the applicant meets the above criteria, could you please provide a letter of recommendation using the form provided on the next page? You may, if you wish, write a supplemental letter. *The letter of recommendation should be returned to the applicant in an opaque envelope sealed by you as the letter's author, with the your signature across the back of the envelope.*

**In addition to your letter, applicants must submit:**

- 1) A completed application form,
- 2) A current resume, and
- 3) A researched 5-10 page engineering ethics essay, on a topic selected by the NvSPE Board of Directors. This year's topic is about preventing a recurrence of the July 2013 Lac Megantic rail disaster.

**Deadline:** The applicant must submit all materials to Shannon Spollen by Friday, January 31, 2014

**Selection process:**

Finalists' essays and letters of recommendation will be evaluated by the NvSPE Board of Directors at their February 2014 meeting. Scholarship recipients will be notified by letter and telephone and will be invited to attend the Engineers' Week Banquet on Saturday February 22, 2014 to receive the award.

# NEVADA SOCIETY OF PROFESSIONAL ENGINEERS

## Charlie Vaughn Scholarship

### Letter of Recommendation Form – To be completed by department chairperson

Return deadline Friday January 31, 2014

Name of Student \_\_\_\_\_

Student year (freshman, sophomore, junior, senior) \_\_\_\_\_

Student engineering major \_\_\_\_\_

Name and Title of Recommender: \_\_\_\_\_

Dear Recommender,

Thank you for taking the time to recommend the above named student for the Nevada Society of Professional Engineers' (NvSPE) Charlie Vaughn scholarship. Student qualifications, documentation and the application process are described on the previous page.

Could you please rate the student according to the criteria shown below, write any additional comments as needed, and return this letter of recommendation to the applicant in a sealed, opaque envelope with your signature affixed across the back of the envelope, before Friday Jan 31, 2014?

Thank you again for your assistance.

Sincerely, Dave James, Ph.D., P.E. – Nevada Society State Past President, 2012-2014

1) How long have you known the applicant? \_\_\_\_\_

2) In what capacity? \_\_\_\_\_

3) Please rate the student by the following criteria in comparison to their peers of the same age and class on a 0-4 scale, with 0 = lowest, 1 = low, 2 = medium, 3 = high, and 4 = highest N/A – unable to rate

a) Interpersonal skills	0	1	2	3	4	N/A
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b) Emotional Maturity	0	1	2	3	4	N/A
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c) Academic performance in engineering classes	0	1	2	3	4	N/A
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d) Professional potential	0	1	2	3	4	N/A
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4) Would you hire to work for you as an engineer?	0	1	2	3	4	N/A
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5) Of engineering majors you have known in the last 5 years, would you rate this student in the,  
bottom 25%,    next to bottom 25%    next to top 25%    top 25%    top 10%    top 5%    N/A

6) Please add any written comments as you think appropriate (or attach a word-processed letter)

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Recommender Signature: \_\_\_\_\_ Date: \_\_\_\_\_