

# Nevada Tahoe Teacher STEM Institute (NTTSI)



## Join us for an action packed week at Tahoe Environmental Research Center

### General Information:

- Sunday, July 27<sup>th</sup> 3:00 PM check-in – Friday, August 1<sup>st</sup> 1:30 PM head home. With four follow-up Saturdays 9/13/14, 11/22/14, 1/31/15, 3/7/15 all 8 AM – 4 PM location TBA or online
- Summer Institute will take place at the Tahoe Environmental Research Center (TERC) on Sierra Nevada College campus, Incline Village, Nevada

### NTTSI will provide:

- Food and lodging during the institute at TERC
- Books, teaching supplies and materials to use in your classroom
- Stipend (\$780 at end of institute)

### Participants will cover:

- Travel expenses to/from TERC
- Travel to/from follow-up Saturdays or attend online
- Option for 2 Graduate credits from Sierra Nevada College at a cost of \$608.00

**The Nevada Tahoe Teacher STEM Institute (NTTSI)** will serve 60 K-9 teachers statewide. **NTTSI** summer will be held at the Tahoe Environmental Research Center (TERC) 291 Country Club Drive, Incline Village, Nevada, and will include over 40 hours of intensive professional development exploring environmental issues with major foci on content knowledge in physical science, life science and earth/space science. Teachers will conduct **on-the-lake investigations and research aboard the TERC research vessel**, work in the TERC laboratory, participate in hands-on science and Project WET activities, and understand how to use GEMS resources. Participants will set-up and learn to use powerful, free online 21<sup>st</sup> century learning tools to enhance their instruction. Teachers will be divided into grade bands (K-2, 3-5, and 6-9) to collaborate in planning lessons that address NVACS (NGSS, ELA and Math) to implement in their classrooms.

**NTTSI** is a collaboration between the Washoe County School District (WCSD) and Northwest Regional Professional Development (NWRPDP). Other partners include: University of Nevada Reno (UNR) College of Education; Sierra Nevada College; Nevada Outdoor School; Nevada GEMS (Great Exploration in Math and Science); and Tahoe Environmental Research Center (TERC).

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## Application Instructions

### How to Apply

- Complete the application form
- Have your principal sign the endorsement page
- Return completed application to **Kelly Cannon** by any of these methods:
  1. Email: [kcannon@washoeschools.net](mailto:kcannon@washoeschools.net)
  2. WCSD School mail: Kelly Cannon, Curriculum & Instruction, RCTL Edison
  3. Fax: 775.861.4485
  4. Mail - address:  
Kelly Cannon  
WCSD Curriculum & Instruction  
380 Edison Way  
Reno, NV 89502

### Evaluation Criteria

- Completeness of application (including the submission of a principal endorsement)
- Submission by the application deadline: **May 5, 2014 at 5 PM PST**
- Evidence of commitment by the applicant to professional development
- Evidence of a planned positive effect on the applicant's classroom instruction
- Must be employed as a full-time certified teacher in Nevada for the 2014/15 school year

### Responsibilities of Participants

- Teachers selected for this program will be expected to provide their own transportation to/from the Tahoe Environmental Research Center at Incline Village, Nevada, for the one week institute and follow-up Saturdays
- Teachers selected for this program will be expected to participate fully and constructively in all activities scheduled as part of the program, including all four follow-up Saturdays
- Teachers selected for the program will be expected to share lessons and resources developed during the institute to be posted and shared online

### Additional Information

- Payment of \$780 stipend will be processed after the March 7, 2015 class
- GEMS kits will be available for classroom use
- Enrollment is limited to **60 certified Nevada teachers with teaching assignments for 2014-15 academic year**
- All applicants will be notified by May 19<sup>th</sup> regarding their acceptance into the institute

**Nevada Tahoe Teacher STEM Institute (NTTSI)  
Application – Page 1**

Please Type or Print Neatly

**Full Name:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Home Address:** \_\_\_\_\_

**Home/Cell Phone(best contact number):** \_\_\_\_\_

**School Name & District:** \_\_\_\_\_

**School Address:** \_\_\_\_\_

**School Phone:** \_\_\_\_\_ **School Fax:** \_\_\_\_\_

**Grade Level and Subject(s) Taught** \_\_\_\_\_

**Anticipated Grade Level/Subject Assignment for 2014/15** \_\_\_\_\_

**Years teaching**    **First year**    **2-5 years**    **6-10 years**    **11-15 years**    **16+ years**

**Principal's Name:** \_\_\_\_\_

**Leadership Position(s) Held:** \_\_\_\_\_

**Current Teaching Certification(s):** \_\_\_\_\_

**Degrees Earned:** \_\_\_\_\_

**Free and Reduced Lunch Participation of your school site (in %):** \_\_\_\_\_

**Ethnicity of School Student Population (in %):** \_\_\_\_\_

**I am applying as an individual**                       **part of a school team**

**Name Any Other Teachers in Team Applying:**

\_\_\_\_\_  
\_\_\_\_\_

## **STEM Application – Page 2**

- 1. Why are you interested in participating in NTTSI?**
- 2. How do you think the content and activities of NTTSI will positively impact your teaching?**
- 3. In what way will your school or district benefit from your participation in NTTSI?**
- 4. What areas of science are you/will you be responsible for teaching?**
- 5. What type (if any) portable on-line device(s) can you bring to use at NTTSI?**
- 6. Are you interested in the 2 graduate credits from Sierra Nevada College? (You will be responsible for the cost of the units - \$608)**

## STEM Application – Page 3

**Principals** – Please return to applicant for submission

### **Principal’s Endorsement of Teacher Participation in the Nevada Tahoe Teacher STEM Institute (NTTSI)**

TEACHER APPLICANT: \_\_\_\_\_

The teacher named above is applying for participation in the Nevada Tahoe Teacher STEM Institute (NTTSI). Participating teachers will be involved in professional development relating to implementing the Next Generation Science Standards. The application process requires teachers to secure the endorsement of their principals using this form.

By your signature below, you –

- endorse this teacher as a participant in the NTTSI
- confirm that this teacher is a certified, full-time teacher at your school and is planning on returning 2014/15
- affirm that this teacher is encouraged to share the knowledge and skills gained from this professional development with others in a spirit of constructive collaboration
- affirm that this teacher is encouraged to use the knowledge and skills gained from this professional development in the classroom

Principal’s Signature \_\_\_\_\_

Principal’s Name (Printed) \_\_\_\_\_

Date: \_\_\_\_\_

Should you have any questions about the Nevada Tahoe Teachers STEM Institute contact: Kelly Cannon at 775-762-5788 or email: [kcannon@washoeschools.net](mailto:kcannon@washoeschools.net)