Where: University of Nebraska-Lincoln
Lincoln, Nebraska

When: July 12-18 or July 26-August 1, 2015

Cost: $175 for Nebraska residents
$350 for out-of-state participants

$175 scholarships are available for girls for whom the cost of the camp would be a barrier to participation. Girls who will need a scholarship should submit a letter of request. Acceptance to the camp is independent of scholarship requests.

To apply: Request an application by contacting us:

Mail:
ALL GIRLS/ALL MATH Summer Camp
UNL Center for Science, Mathematics & Computer Education
251 Avery Hall
Lincoln, NE 68588-0131

Fax: (402) 472-9311

E-mail: agam@unl.edu

Applications can also be found online at
www.math.unl.edu/~agam

Questions: Please call (402) 472-8965 or
e-mail: agam@unl.edu

Early application deadline: April 17, 2015.
Early applicants will be notified by May 1.

All applications must be received by May 1, 2015.
All applicants will be notified by May 15.

Payment due by May 29, 2015

Sponsored by:
The American Mathematical Society Epsilon Program
* UNL Department of Mathematics
* UNL Center for Science, Mathematics & Computer Education
* National Security Agency
Mathematical Association of America
Tensor Women and Mathematics Grants

Explore the Unknown World of Mathematics & What Your Future May Hold
SUMMER MATHEMATICS CAMP FOR HIGH SCHOOL GIRLS
July 12-18, 2015
July 26-August 1, 2015
The 2015 summer mathematics camps for high school girls at the University of Nebraska-Lincoln provide a stimulating and supportive environment for girls to develop their mathematical abilities and interests. **This summer will consist of two one-week camps that will be identical in content and activities.** This allows us to have more girls participate in the program while still maintaining a small group for more personal interactions.

Camp participants will take a weeklong course about the exciting mathematics of codes, as well as mini-courses on topics such as Aerodynamics, the Game of SET, and Graph Theory. Participants will work with women mathematics professors and graduate students, as well as interact with peers who share an interest in mathematics. Girls will stay in a UNL residence hall and will be chaperoned by a female mathematics undergraduate and graduate student.

At the end of the week, a prominent mathematician from the National Security Agency (NSA) will give a special presentation about her work. Camp participants will have the opportunity to meet the speaker individually during a picnic.

All girls entering grades 10-12 in the fall are invited to apply for the camp. Special consideration will be given to those entering their sophomore or junior year and who have successfully completed high school geometry but have not taken calculus.

The All Girls/All Math Program is one of the 10 Young Scholars Programs across the nation which are supported by the American Mathematical Society. It is also included in the 2013 Ultimate Guide to Summer Opportunities for Teens as 1 of 200 of the best summer programs for teens across the nation. Participants can only attend the camp once.

### Sample Schedule of Events

**Sunday**
- 2 p.m.-4:15 p.m.: Check-in to residence hall
  - Rules and getting to know one another
  - Dinner in the dining hall
  - Math games and social time

**Monday**
- Breakfast
- Codes and cryptology class
- Lunch
- Tour football stadium
- Mini-course
- Dinner
- Rock climbing

**Tuesday**
- Breakfast
- Codes and cryptology class
- Lunch
- Visit to the Haymarket
- Mini-course
- Dinner
- Night out at the movies
- Study time

**Wednesday**
- Breakfast
- Codes and cryptology class
- Lunch
- Career panel
- Mini-course
- Dinner
- Aerodynamics activity
- Study time

**Thursday**
- Breakfast
- Guest presentation from the National Security Agency
- Lunch
- Codes and cryptology class
- Picnic with the guest speaker from the NSA

**Friday**
- Breakfast
- Codes and cryptology class
- Lunch
- Mini-course
- Farewell Pizza Party
- Free time / study time

**Saturday**
- Checkout
- Problem workshop with breakfast