

OFFICE OF THE PRINCIPAL  
GLENBROOK NORTH HIGH SCHOOL

To: Dr. Riggle

From: Paul Pryma

Re: Proposed GBN GADGET Field Trip April 2 - 4, 2009

Date: March 18, 2009

Please read the attached document from GBN science teacher, Ms. Lynne Zielinski. I am pleased to recommend the district's support for the finalists of NASA's Pete Conrad Spirit of Innovation Award Competition.

If you have any questions, please contact me at your convenience.

Thank you for your consideration.

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To: Dr. Michael Riggle  
School Board

From: Lynne Zielnski (GBN Science Teacher)

Date: March 17, 2009

RE: Pete Conrad Spirit of Innovation Award

Glenbrook North is proud to announce that two seniors, Samantha Hopkins and Michael Dzakovich have been selected as finalists for the Pete Conrad Spirit of Innovation Award competition. As national finalists, they have been asked to attend a summit at NASA's Ames Research Center at Moffett Field in California over spring break, April 2-4.

While at the Summit, the students will be competing for one of the top three award positions. They will be making formal presentations and speaking with scientists, engineers, and entrepreneurs about their project, which is entitled "MRVE Aeroponics Growth Chamber". This is the second year of the competition, and the rules have changed dramatically since last year. The Conrad Foundation has gotten to a slow start in providing travel information details and as a consequence the details were provided to me at a late date. The Conrad Foundation has been concentrating on promoting the students work on line and setting up the technical infrastructure needed to hold student blogs, videos, and technical proposals.

You can find the student work at the Conrad Foundation website located at:

<http://conradfoundation.org/GADGET>

Of course, it would help the students out if you voted for the team with 5 stars, spread the word so others can vote, and add positive comments to the team blog about there product or business plan.

The Conrad Foundation is paying expenses for the students and teacher travel and lodging, and since the trip will occur over spring break, the students will not be missing classes and no substitute teacher will need to be hired.



# GLENBROOK NORTH HIGH SCHOOL FIELD TRIP REQUEST APPLICATION

FOR OFFICE USE ONLY

Dated Received \_\_\_\_\_  
 Bus Ordered \_\_\_\_\_  
 Van Reserved \_\_\_\_\_  
 Other Transport \_\_\_\_\_

Instructional Trip

Activity Trip

## 1. DESCRIPTION

Describe the trip requested, listing the address(es) of the place(s) to be visited and the itinerary for the trip – include approximate times:

2 STUDENTS ARE FINALISTS IN THE PETE CONRAD SPIRIT OF INNOVATION AWARD COMPETITION AND WILL TRAVEL TO NASA AMES RESEARCH CENTER IN CALIFORNIA (MADISON FIELD) TO PRESENT THEIR PROJECT FOR FINAL JUDGING

## 2. RATIONALE

Describe the purpose of the trip as it relates to specific course objectives or sponsored activity:

STUDENTS PARTICIPATE IN YURI'S NIGHT EVENTS AND PRESENT THEIR PROJECT TO NASA AND INDUSTRY JUDGES FOR FINAL COMPETITION (NATIONAL/INTERNATIONAL EVENT)

## 3. CLASS/ACTIVITY INFORMATION (Attach two (2) copies of student list with ID numbers)

Class or Activity: GADGET Number of students: 2

Chaperones accompanying trip: LYNNE ZIELINSKI

## 4. TRIP INFORMATION

Trip date(s): APRIL 2-4, 2009 (COVER SPRING-BREAK)

Departing from (location): O'HARE AIRPORT 412 At: AM AM PM

Returning from (location): O'HARE APRIL 4 At: PM AM PM

Students released from class: NO - OVER SPRING-BREAK AM PM Time returning to school: \_\_\_\_\_ AM PM

## 5. TRANSPORTATION INFORMATION

Transportation: Car(s): \_\_\_\_\_ Bus(es): \_\_\_\_\_ Glenbrook 225 Van(s): \_\_\_\_\_

Other (specify): AIRPLANE Should the bus remain with the trip?  Yes  No

Permission Waiver Slip Needed?  Yes  No Bookstore Auth. to Collect Needed?  Yes  No

## 6. COST/SUBSTITUTE INFORMATION

Estimated cost of transportation: PAID BY CONRAD FOUNDATION Estimated cost of substitute teacher(s): \_\_\_\_\_

Substitute Needed for Blocks: 1 2 3 4 5 6 7 8 9 10 Lunch 1 2 3 A / B Day

NONE NEEDED - OVER SPRING BREAK

Lynn Zielinski 3/19/09 (3/13/09) M. Roedel 3/16/09  
Teacher Requesting Trip Date Instructional Supervisor's Approval Date

[Signature] 3/17/09 [Signature] 3/16/09  
Associate Principal's Approval Date Activities Director's Approval Date

**FIELD TRIP ATTENDANCE FORM**

TO: Attendance Office

FROM: LYNNE ZIELINSKI

DATE: 3/29/09

Teacher: ZIELINSKI Dept. SCIENCE Phone Ext. 2611

Date of Field Trip: APRIL 2-4 2009

Mods of Field Trip: ~~All Day~~ N/A Time: ~~All Day~~ N/A

Field Trip Location: NASA AMES RESEARCH CENTER AT  
~~Wallops Island Virginia~~ MOFFETT FIELD, CALIFORNIA

ClassName: \_\_\_\_\_ CourseCode/CourseSect: \_\_\_\_\_

**CIRCLE NAMES OF STUDENTS ABSENT**

SAMANTH HOPKINS 90890  
MICHAEL JZAKOVICH 90610

# GLENBROOK HIGH SCHOOLS

## Travel Requests Requiring Board of Education Approval

I. School GBN  GBS \_\_\_\_\_ GBE \_\_\_\_\_ GBOC \_\_\_\_\_ District \_\_\_\_\_

II. Initiator LYNNE ZIELINSKI Phone 509-2611

Position TEACHER Date of Submission 3/09/09

III. Date and Times of Leave/Return 3/13/09

Total Number of School Days Missed per Person 0

Departure Date/Time APRIL 2, 2009 A.M. Return Date/Time APRIL 4, 2009 P.M.

IV. Name of Individuals Participating in Tour: (Attach list if necessary.)

Teachers and Staff LYNNE ZIELINSKI

Students SAMANTHA HOPKINS #90890  
MICHAEL DZAKOVICH #90610

V. Description, Destination, and Reason for Trip

STUDENTS ARE FINALISTS IN PETE CONRAD SPIRIT OF INNOVATION COMPETITION  
DESTINATION IS NASA AMES RESEARCH CENTER AT MOFFETT FIELD,  
CALIFORNIA

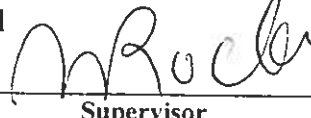
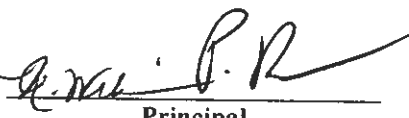
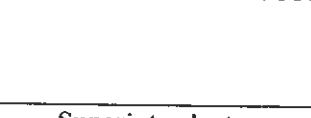
VI. Cost of Trip

Was this trip included in your Dept. \_\_\_\_\_ Bldg. \_\_\_\_\_ District \_\_\_\_\_ Budget? \_\_\_\_\_

\* PAID BY CONRAD FOUNDATION

	Total Amount	Per Person	Account #
Registration	_____	_____	_____
Lodging	<u>PAID BY CONRAD FOUNDATION</u>		
Meals (Advance)	_____	_____	_____
Judging	_____	N/A	_____
Substitute Teacher	<u>NO SUB NEEDED (SPRING BREAK)</u>	N/A	_____
Transportation	_____	_____	_____
Air	_____	_____	_____
Bus/Car	_____	_____	_____
District Total	_____	N/A	N/A
Cost to Student	_____	_____	N/A

VII. Approval

\_\_\_\_\_  
 Supervisor                      Principal                      Superintendent

3/16/09                      3/17/09                      \_\_\_\_\_  
 Date                                      Date                                      Date

**Reminder:** No purchase or expenses prior to Board of Education approval.



**Innovation Summit Schedule**  
**NASA Ames Conference Center**  
**April 2 – 4, 2009**

Thursday, April 2, 2009

3:00 pm **Registration** opens at the Conference Center  
5:30 – 7 pm **Reception**  
7 – 8:30 pm **Opening Ceremonies**  
*WELCOME:* Nancy Conrad, Chairman of The Conrad Foundation, and Dr. Simon "Pete" Worden, Director of the NASA AMES Research Center  
*PROGRAM:* JoAnn Kuchera-Morin, composer & Director of Allosphere Research Laboratory; Judy Estrin, author of *The Innovation Gap* & Tim Draper, Founder of Draper, Fisher, Jurvetson (global venture capital firm)

Friday, April 3, 2009

7 – 8:30 am **Breakfast Reception** with Dr. David Pensak, author of *Innovation for Underdogs* and creator of the first commercial internet firewall  
8:30 am – 12:45 pm **Student Presentations:** open to all teams and the public. Teams not presenting attend breakout meetings with coaches during assigned time slots  
1 – 2 pm **Lunch Buffet** with Alan Pomerantz, Partner with Orrick (law firm)  
2 – 2:45 pm **Workshop 1A:** SPACE AVAILABLE—personal spaceflight & lunar exploration  
**Workshop 1B:** LIGHTS ON—renewable energy  
3 – 3:45 **Workshop 2:** KICKIN' BUTT IN BUSINESS  
4 – 4:45 pm **Workshop 3:** MASTERMIND YOUR MARKETING  
5:30 – 6:30 pm **Presentations:** Seth Shostak, Senior Astronomer at SETI Institute; Dr. Eric Haseltine, scientist, former Associate Director of the National Intelligence for Science and Technology and VP for Disney Imagineering  
6:30 on **Dinner and Air Guitar Mixer** with Bjorn Turoque

Saturday, April 4, 2009

8:30 – 10 am **Working Breakfast**  
**Workshop 4:** THE LOCKBOX—protecting your intellectual property  
10 – 11 am **Workshop 5:** THE GOOD, THE BAD, AND THE UGLY—A candid discussion about the Spirit of Innovation Awards Program  
11 am – 12 noon **Closing Ceremony & Awards**  
Nancy Conrad; Dr. Pete Worden; Doug Comstock, Director of NASA's Innovative Partnership Program; and Dr. Bernice Alston, Deputy Assistant Administrator for Education at NASA



## Pete Conrad Spirit of Innovation Summit Travel & Lodging

### Arrival:

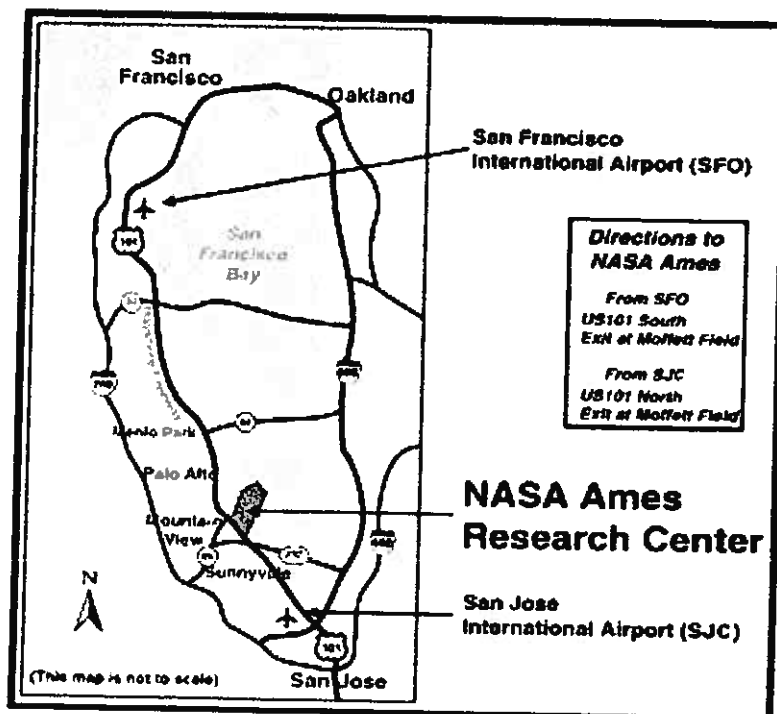
The 2009 Innovation Summit will take place Thursday through Saturday, **April 2 – 4, 2009**. All participants should plan to arrive in the Bay Area on Thursday afternoon, April 2.

Three airports serve the Bay Area, the closest to Moffett Field (approximately 15 minutes) is **San Jose International**. San Francisco (**SFO**) and Oakland (**OAK**) are good alternatives but will require 30 to 45 minutes respectively (more if there is traffic).

For individuals or larger groups we recommend reserving space with Super Shuttle, [www.shuttle.com](http://www.shuttle.com) or 800-258-3826. From San Jose International, a 9-passenger van to NASA AMES costs \$85; or \$25 for the first person and \$9 for each additional person. From SFO, the van cost is \$90; or \$30 for the first person and \$19 for each additional person.

### Location:

All events will take place at **NASA Ames Research Conference Center**, (Building 3), located between Sunnyvale and Mountain View, CA at **Moffett Field**.



### Directions:

#### From Highway 101 Northbound:

1. Exit Moffett Blvd. / NASA Parkway
2. At the stop light, turn right.
3. Proceed to main gate in the right lane.
4. The guard will direct you either to badging, parking or your destination in the NASA Research Park. Be prepared to show a driver's license to proceed into the NASA Research Park.

#### From Highway 101 Southbound:

1. Exit Moffett Blvd. / NASA Parkway.
2. At the stop light, turn right
3. Proceed to main gate in the right lane.
4. The guard will direct you either to badging, parking or your destination in the NASA Research Park. Be prepared to show a driver's license to proceed into the NASA Research Park.

#### From Central Expressway East (from Mtn. View) or West (from Sunnyvale):

1. Exit Moffett Blvd.
2. Go straight, passing 5 stoplights.
3. Continue with directions #3 and #4, from 101S.

#### From Highway 85 (Cupertino area):

1. Exit Moffett Blvd.
2. Take a right at the stoplight.
3. Go straight, staying in the right lane, passing three stoplights.
4. Continue with directions #3 and #4, from 101S.

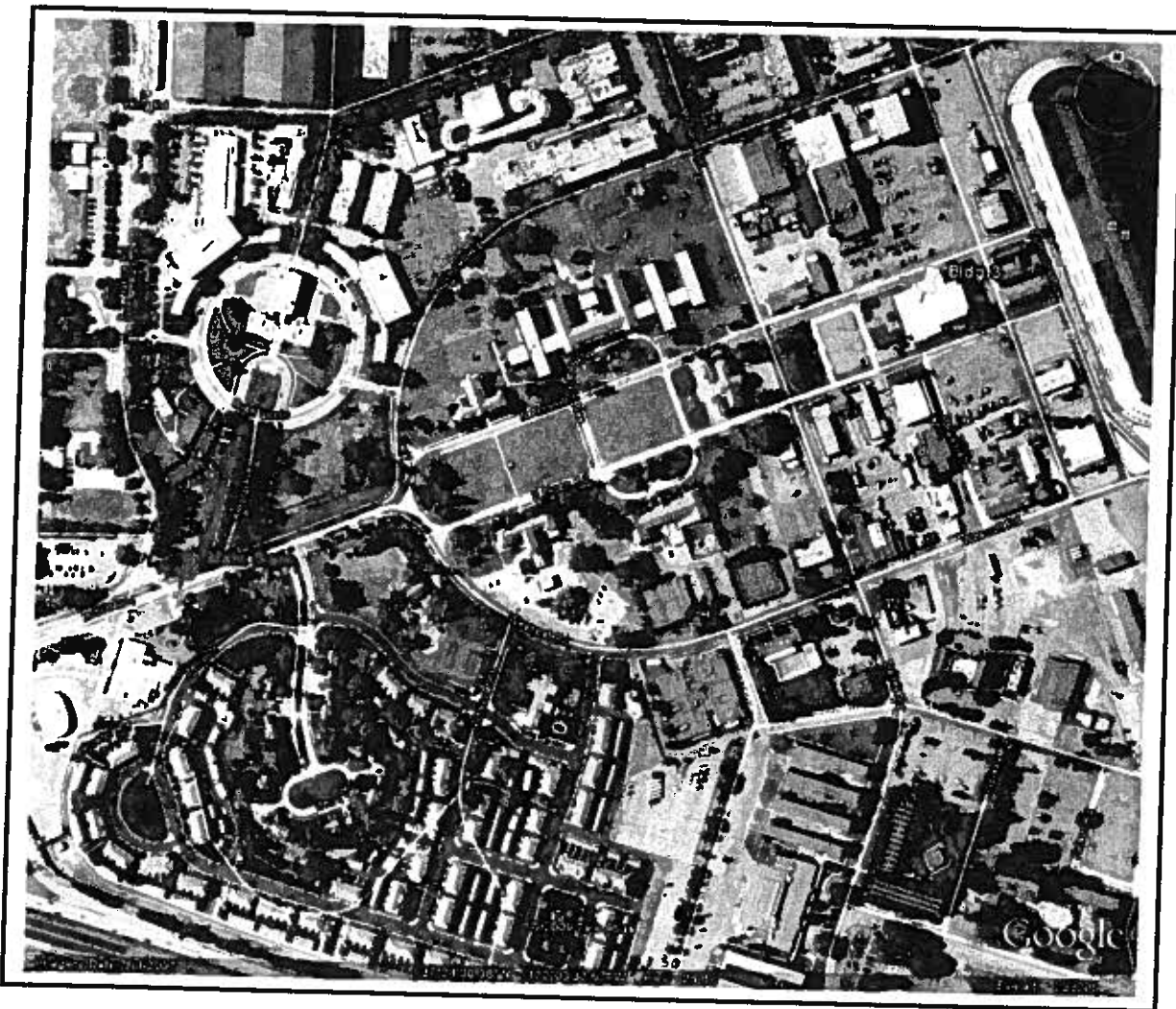
**From 880 (Fremont area):**

1. Get on 237 West going towards Mtn. View.
2. Take the Highway 101 N. exit.
3. Continue with directions from Highway 101 Northbound.

**From El Camino Real:**

1. Take Castro Street and go straight. Castro becomes Moffett Boulevard at the Central Expressway intersection.
2. Go straight, passing 5 stoplights.
3. Continue with directions #3 and #4, from 101S.

**NASA AMES Overview**



**Travel Grants/Arrangements:**

All ***Pete Conrad Spirit of Innovation Awards*** Finalist Teams receive a \$2,000 travel stipend to assist with the cost of attending the event. Teams are responsible to make their own airfare and hotel reservations and may use these funds to cover these and other associated travel costs (such as rental car, etc). A check will be made out as designated by your Team Advisor prior to the Innovation Summit. Teams must complete and submit the Finalist Agreement in order to receive the check. Any expenses incurred above this amount must be covered from your own funds.



## **Hotels:**

Teams are responsible to make and pay for their own room reservations.

Because our schedule will be full from early morning through the evening, and because we hope students will enjoy the opportunity of networking with each other, we are recommending that teams stay at the Intern Lodging at NASA AMES on the Moffett Field Base.

Intern Lodging costs \$50/night. Each room has two twin beds, a refrigerator and microwave. We have reserved a large block of rooms. You may make reservations by calling 650-603-7100 or faxing 650-603-7110. Please prepare to provide your dates of arrival and departure, the names of each student and chaperone, as well as who will share each room.

Should you wish to stay offsite, plan extra time and cost to travel between your hotel and the Conference Center. A list of local hotels is available on the NASA AMES website:  
<http://naccenter.arc.nasa.gov/hotels.html>.

## **Food:**

All Innovation Summit attendees will be provided with meals on Thursday evening, Friday breakfast, lunch and dinner, and Saturday breakfast. Snacks and additional food will be available for purchase on site.

## **What to Wear & Bring:**

Dress is casual

Camera

Business cards for each student

## **Things to Do in the Area:**

Some participants may wish to come early or stay after the Innovation Summit. Here's a great place to review the many attractions the San Francisco Bay Area has to offer.

<http://sanfrancisco.about.com/od/bayareadaytrips/u/bayareadaytrips.htm>

## **More Information:**

For any further information or assistance, please contact Lisa Stockwell at 707-829-7782 or [lisa.stockwell@conradfoundation.org](mailto:lisa.stockwell@conradfoundation.org). We know this may be your students' first trip away from home and want to help you make it a great success.

Welcome Lynne  
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United Airlines - NBVGZQ  
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Protect against trip cancellations and interruptions with Access America. Coverage is available for a non-refundable airline ticket up to \$3,000.

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Traveler(s)	Frequent flier details
LYNNE ZIELINSKI	
MICHAEL DZAKOVICH	American Airlines American AAdvantage 6L867U6 United Airlines Mileage Plus 00411787133
<b>Total flight cost:</b>	<b>\$872.36 USD</b>

### Flight 1: Thursday, April 2, 2009

**American Airlines 1041** Economy | McDonnell Douglas MD-83 (M83) | Food for purchase | 4hr 40min | 1833 miles

Depart: **10:00am** Chicago, IL [Chicago O'Hare International \(ORD\)](#)

Arrive: **12:40pm** San Jose, CA [San Jose International \(SJC\)](#)

Seats: 18A, 17A

Seats are confirmed | [View/change seats](#) |

### Flight 2: Saturday, April 4, 2009

**United Airlines 150** Economy | Boeing 757 Passenger (757) | Light Lunch | 4hr 2min | 1851 miles

Depart: **5:25pm** San Francisco, CA [San Francisco International \(SFO\)](#)

Arrive: **11:27pm** Chicago, IL [Chicago O'Hare International \(ORD\)](#)

Seats: 31D, 31C

Seats are confirmed | [View/change seats](#) |

**This flight departs from a different airport.**

#### Additional flight information