



Cornell University
Bronfenbrenner Center
for Translational Research



NYS 4-H Youth Development

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Date February 6, 2013

TO: 4-H Youth Development Extension Program Staff

FROM: Nancy Schaff
State 4-H Youth Development STEM Program Specialist

RE: **4-H Career Explorations '13**

The registration materials are now posted for 4-H Career Explorations 2013!

This letter has very important information for any county that will participate in 4-H Career Explorations. **Please read it carefully.** There are some changes this year.

Please review all materials carefully. The registration packet includes:

- Staff Checklist
- Career Explorations Program Descriptions (Program Facts)
- Registration Form
- Chaperone/Participant Fact Sheet
- Scholarship Application
- Focus Assistant Application
- Health/Code of Conduct/Photo Release Form

REGISTRATION: Registration will be available on Feb. 18 unless otherwise announced (online only). Counties are responsible **for registering all youth and chaperones online at:**

<http://sp.nys4h.cce.cornell.edu/events/Pages/CareerEx.aspx>

Please send only the following by mail:

- The only forms you need to send us this year are **Scholarship** and **Focus Assistant** applications. Please get Focus Assistant applications in as soon as possible, but **no later than April 15 for Scholarship and FA applications.**
- Your lead chaperone will be bringing copies (a total of 4 sets) of the combined Health/Code of Conduct/Photo Release forms to the event (new form

CHANGES: We are making some **changes to the registration process** this year. **Please read carefully:**

- You will enter each of the three choices for each participant. The database fields will not be capped inside the database for maximum number in program. This means that we will have an electronic record of everyone's original choices for use when a program is full and the applicants' second and third choices are necessary to consult. It also means you will not know when you enter a registration whether the participant will actually get their first choice (i.e., you won't be able to tell if a selection has already filled – so register early for popular programs that fill quickly).
- We are not asking for program choices for University U participants this year. The goal of the UU program is to introduce youth to a variety of programs on campus and to things that may be new to them.
- After April 15 we will start filling programs based on primarily a first-registered, first-served basis. We may consider the applicant's school grade and years in 4-H in some cases. If programs are not filled as of April 15 you may be able to register people in programs that still have openings, but no guarantees.
- Please be sure all fields have a response. We will not be collecting the hard copy registration forms so we need complete information in the database. We do encourage you to keep the forms until after the event.
- The application for Focus Assistants has changed significantly, and it is on one 2-page form (print back to back if possible). We have eliminated the Vitas for Focus Assistants this year, but we have added short-essay questions that are aligned with other State event applications.
- The health form has been changed this year to include approved language for health, code of conduct, and photo release all on one 2-page form (print back to back if possible) that will be signed by the youth and parent. Four copies of these forms will be brought to the event with the lead chaperone and will not be sent to the state 4-H office in advance.
- We have added a field for a designated chaperone if needed. If a youth needs extra attention, a designated chaperone should be assigned to them. Please be sure you tell us which adult needs to be placed in the group with the youth needing the extra support. We expect the designated chaperone to monitor behavior and remove a youth from a program temporarily if they are disruptive or engaged in inappropriate behavior.

COST: Counties will be billed directly for the \$215 registration fee for all participants (youth, chaperones, Educators).

CANCELLATION POLICY: Cancellations prior to June 10th will not be charged. Cancellations after June 10 will be billed a \$100 cancellation fee. No shows will be charged in full. Replacement participants of same gender and attending the same program can be negotiated.

DEADLINES: Please meet the April 15 deadline for Focus Assistant and Scholarship applications. Last year there were many late scholarship applications. We will start reviewing scholarship

applications immediately after the April 15 deadline. Late applications will be considered only if funds are still available.

EDUCATORS: 4-H Educators help with various roles at Career Explorations. You provide the *icing on the cake*, help things run smoothly, and ensure our event runs professionally. We couldn't be successful with such a large event without you. If you haven't attended, please consider it, or send other staff to the event that 4-H'ers say "connects them to Cornell." It is a great place for you to network with your colleagues and connect to Cornell. **If you are interested in leading a University U group (we have a county Educator lead each group) please let us know!**

FOCUS ASSISTANTS: Applicants must have participated in the event before. Applicants must demonstrate mature, responsible behavior, and they must be able to assume leadership responsibilities among teens and/or peers. In addition to submitting a 4-H Career Explorations registration form, applicants must complete a Focus Assistant application and have a recommendation from a county Educator. One or two Focus Assistants will be selected for each Focus program. It is not necessary, but is acceptable, for Focus Assistant applicants to be a part of the program they attended last year. **Focus Assistants are required to arrive a day early for training.** The State 4-H Office will cover early arrival costs and chaperoning for Focus Assistants.

THE 4-H CAREER EXPLORATIONS FACT SHEET FOR CHAPERONES AND DELEGATES is an effort to clearly define procedures and expectations. All participants and parents should receive a copy at the time of registration. It is possible that health forms may not be filled out until right before the event and we want to be sure parents have seen the expectations for behavior and conduct well in advance.

CAREER EXPLORATIONS PROGRAM FACTS should be shared with teens and chaperones applying to be sure they understand the program they are selecting. Updated information will be shared by e-mail as the event draws closer and on the New York State 4-H web page. It is very important for us to have e-mail addresses for participants because that is the only way we will communicate important information before the event.

CHAPERONES: As in the past, we are seeking a ratio of one chaperone for every five teens. Sharing chaperoning duties between counties is fine as long as one chaperone for every five teens is provided. During the course of the program, chaperones will be expected to monitor participants from other counties in addition to their own. Note that some chaperones may be asked to lead University U groups from place to place. **Be sure to comply with volunteer policy regarding background checks for all chaperones and DMV checks for drivers.** We encourage you to have your Career Explorations chaperones go through appropriate e-Volunteer modules before coming to campus.

SCHOLARSHIPS: A limited number of scholarships are available. To apply for a scholarship for teens, *complete the scholarship form along with all requirements.* Depending on availability and qualifications, full and half scholarships will be awarded to as many income-eligible applicants

as possible. Note that applications must be completed fully and submitted before April 15 to be considered.

PLEASE KEEP THE FOLLOWING IN MIND WHEN REGISTERING PARTICIPANTS:

- Telephone registrations through the State Office **CANNOT** be accepted. All registrations need to come through a CCE Association as there is no mechanism to register directly with the State Office.
- Please submit registrations online by April 15 to meet the registration deadline.
- Associations will be direct-billed \$215 per participant after Career Explorations occurs.
- Cancellations after June 10 will be billed a \$100 cancellation fee. *No shows* will be charged in full.
- Same gender, same program, same roommate youth substitutes allowed.
- **Complete information should be submitted into the registration database, including three different program choices for Focus for Teen participants. Should a program cancel, etc. this information becomes critical for us.**
- We are not asking for program choices for University U participants this year.
- We try to consider chaperone requests for programs, but it is often not possible, as we have to even out the numbers of adults among programs, and we try to have a county Educator in as many different programs as possible.

BEHAVIOR ISSUES: It is important that you know the youth delegates you send to try to avoid disruptive behavior. If a child needs a designated chaperone to monitor behavior, please assign one. Last year we had Cornell program coordinators report poor behavior at the Johnson Museum (“manhandling artwork in the lobby”) and disrespectful use of lab equipment. Chaperones need to be on the lookout and ready to intervene as necessary. Problems such as these could jeopardize the event or cause the loss of programs.

ELIGIBILITY: We understand that every county has different policies about participation in 4-H Career Explorations by 4-H and non-4-H members. We have tried to be more explicit about this in this year’s Program Facts booklet. We do not require 4-H membership to participate in the event, but we also have no mechanism to register people through our office. We are dependent on county Associations registering participants and therefore, you have the final say on whom you register and what kind of expectations you have (such as enrolling in 4-H).

If you have questions about Career Explorations, not answered in this packet, please contact me at nschaff@cornell.edu. If you have questions about online registration, please contact Adam Davis, afd7@cornell.edu.

2013 4-H CAREER EXPLORATIONS FACT SHEET for Chaperones and Participants

Chaperone and Participant Orientation:

The Delegate Handbook will be available online, <http://sp.nys4h.cce.cornell.edu/events/Pages/CareerEx.aspx>, by early June. Last year's handbook is up as a reference tool. All chaperones and participants should review this handbook prior to coming to Career Explorations. We strongly encourage you to hold an orientation meeting to go over all information with your delegates.

Onsite Registration:

Registration for all programs will take place on Tuesday, June 25 from 10:00 a.m. to 12:30 p.m. There are lots of great things to do and see on campus should you arrive early. The delegate handbook will include a listing.

General 4-H Career Exploration Program Policies:

- ✓ Most teens will be assigned a double-occupancy room and *cannot switch rooms*.
- ✓ Roommates requested on registration forms will be assigned when possible.
- ✓ Participants are responsible for damages that occur to the room during their stay.
- ✓ Any disturbances or emergencies should be reported to a chaperone.
- ✓ Alcohol and drug use are strictly prohibited.
- ✓ Parents of disruptive participants will be notified and participants will be sent home at parents' expense.
- ✓ Participants must be in the dormitory by 10:00 p.m.
- ✓ Lights out at 11:15 p.m.
- ✓ Photos taken during the program may be used to promote 4-H Youth Development.
- ✓ **4-H appropriate clothing** is required at all times. This means modest covering shirts, skirts, shorts, and pants. No rude or vulgar language or pictures on clothing. Youth dressing inappropriately will be asked to change.

Dormitory Housing:

- Chaperones should check rooms upon arrival, noting damages or defective appliances.
- Please use hair dryers in the bathrooms only.
- Linens are provided with rooms including sheets, pillow and pillowcase, one blanket, one towel, one washcloth, and soap. Participants will be asked to make their own beds.
- Participants will have to supply their own towel for the pool.
- Participants may want to bring an alarm clock and a fan.
- If there are problems with the rooms (i.e. light bulbs burnt out), contact staff immediately so that problem can be resolved or noted.
- Youth need to be careful not to lock themselves out of their dorm rooms. Doors close and lock automatically.

Telephones:

There are no longer phones in the dorm rooms. Cell phones are not to be on for calls or texting during program times.

Free Time/Recreation:

Some participants may wish to arrive early to meet with Cornell admissions and/or tour the Cornell campus. (Assistance in arranging tours is available – see handbook.) During evening free time on Tuesday night, there will be time for the use of the Helen Newman Hall pool and bowling lanes. On Wednesday there will be several options for recreation including: a movie, dance, swimming and bowling. During free time activities, chaperones will be assigned to one of the free time activities. If you so choose, you may bring items such as Frisbees, soccer balls, footballs, etc. to use during free time outside on the quad as there is plenty of space for

outdoors activities. At this time the College of Agriculture & Life Sciences and College of Human Ecology will have staff from admissions available for youth to speak with on Wednesday evening. If county participants choose to not attend a featured activity, they must be accompanied by an adult chaperone.

Emergencies:

During the day (8:00 a.m. - 4:30 p.m.) the **emergency phone number** for families is (607) 255-0896. The evening number (after 5:00 p.m.) will be provided at a later date. These numbers should be given to participants before they leave home so families have it. Note that this is not a switchboard to reach teens...these are emergency numbers. Chaperones will receive a list of campus emergency numbers during orientation.

Behavior:

All chaperones and participants are expected to model appropriate behavior and follow guidelines stated on the 4-H Career Exploration registration form. All youth and chaperones should demonstrate sensitivity and respect for the rights of all regardless of the individuals' race, sex, religion and cultural background. In addition, all Cornell property and Cornell program presenters should be treated respectfully.

Please Note:

- Chaperones will have the authority to make decisions in the absence of a County 4-H Educator.
- Chaperones will be expected to intervene in any situation that violates the rules of the event or the basic rights of others. **This includes youth from other counties.** Any problems with youth from other counties should be dealt with immediately and then reported to the appropriate chaperones or Nancy Schaff, Career Exploration Coordinator.

Curfew:

Each year there are misunderstandings among chaperones and teens about the time and duration of the curfew. In an effort to clear up the gray areas, please follow this schedule:

10:00 p.m.	4-H Career Exploration programs end.
10:00 - 11:00 p.m.	Every one inside dorms - County Meetings
11:15 p.m.	Settled in assigned rooms and LIGHTS OUT!

Safety:

Even though Cornell has a rather tranquil setting, be assured that serious crimes can and do occur along its pleasant footpaths. Please instruct teens:

- Never to walk alone, especially after dark.
- Dorm doors should be locked at all times.
- Under no circumstances should teens leave the dorm at night.
- The Safety Division's (Cornell police) phone number is 255-1111.

Campus Transportation:

A 4-H Focus Assistant or chaperones will escort participants to their program or bus pickup every morning. Be on time and prepared to **walk** to your program destinations. Program gathering times will be listed in the Delegate Handbook within the itineraries for each specific program. Please be aware departure times may vary for specific programs. If there are special transportation needs, please be sure to notify Nancy Schaff in advance of the 4-H Career Explorations Conference. Walking is a part of the college experience at a large world-class university like Cornell. Enjoy the beautiful campus and get some healthy exercise - so **wear sneakers or comfortable walking shoes!**

APPLICATION FOR FOCUS ASSISTANT CAREER EXPLORATIONS PROGRAM

All applicants must be AT LEAST 16 YEARS OLD and be able to arrive a day early for training.

Please register for Career Explorations Conference separately through your 4-H Educator

Name	County	Age	Email Address
Address			
			Yes No
Phone Number	Alternate Phone	Gender	Can you arrive a day early?

Please complete the following:

- **For the short essays on the back, please put your name and county on each page.**
- **Before considering your application we will be reviewing your registration form as well.**

1. Have you participated in a Career Explorations Focus for Teens program?.....Yes No

If yes: In which topic? _____ In what year? _____

2. Do you have any experience as a Focus Assistant?.....Yes No

If yes: In which topic? _____ In what year? _____

3. Are you a Teen Ambassador for your County?.....Yes No

If yes, please explain? _____

4. Have you participated in STARR?.....Yes No

If yes, in what year? _____

PLEASE CONTINUE TO THE SHORT ESSAY QUESTIONS ON THE OTHER SIDE

Applicant Short-Essay Questions

Please address one question from each area below (for a total of two short essays). Each response should not exceed 200 words. **Please put your name and county on each additional page.**

Issue or Impact-Oriented Questions (pick one)

1. Please describe a non 4-H leadership experience and how you impacted youth in your community.
2. Describe a 4-H project or activity you participated in, which showed a concern for real issues facing youth in your community. How did you identify these issues?
3. Please describe an issue you worked on in a 4-H or non 4-H project or activity. Describe how the issue impacts youth and how it could be addressed on a national level.

Leadership-Oriented Questions (pick one)

4. What would you say if you had five minutes to speak with one of your legislators? Please explain why those particular ideas are important to share with her/him. Include the name(s) of your representative(s).
5. How do you plan to build on the Focus Assistant leadership experience when you return to your community? How does your plan connect with the 4-H mission?
6. Please identify a leader and explain why you selected him or her. Explain how he/she has influenced your leadership abilities.

Applicant Signature

Date

Parent/Guardian Signature

Printed Parent/Guardian name

County Educator Signature

Printed County Educator name

Circle One: CHAPERONE OR YOUTH

4-H CAREER EXPLORATION HEALTH/INSURANCE FORM

ALL INFORMATION IS STRICTLY CONFIDENTIAL

Name of Registrant: _____

Date of Birth: ____/____/____

Circle One: FOCUS OR UU

County: _____

Focus for Teens Program Name (if applicable): _____

Name of Parent/
Legal Guardian: _____

Home Address: _____
(include city, state, & zip code)

Home phone: (____) _____

Cell phone: (____) _____

Emergency phone: (____) _____

Type of Insurance Coverage: _____

Subscriber of Policy: _____

Contract # _____

Address of Insurance Company: _____

Home Physician: _____

Phone: (____) _____

Medical History:

(Please check all that may apply)

Medical Conditions:

Allergies:

Food Allergies/Dietary Restrictions:

Any other conditions/allergies that apply and are not listed?

Ear Infections: _____

Hay Fever: _____

Peanuts: _____

Rheumatic Fever: _____

Insect Stings: _____

Milk: _____

Convulsions: _____

Ivy Poisonings: _____

Eggs: _____

Diabetes: _____

Penicillin: _____

Tree Nuts: _____

Asthma: _____

Seafood/Shellfish: _____

Other (specify): _____

Other (specify): _____

Gluten Products: _____

Date of Last Tetanus Booster: _____

Current Prescribed medication (specify): _____

Please specify any other health concerns, physical activity restrictions, and/or any other information you want 4-H staff and chaperones to be aware of on behalf of your child's welfare.

I give my permission for my son/daughter, _____ to be medically treated, as appropriate, in the event of an emergency or illness.

Parent or Guardian's Signature _____ Date _____

FOR CHAPERONES ONLY: I give my permission to be medically treated, as appropriate, in the event of an emergency or illness.

Signature of Chaperone

Date

Please complete this form and return to your county 4-H Educator. Applicants will not be permitted to participate without a completed health/insurance form with all appropriate signatures. Please note: Chaperones must sign their own form.

4-H CAREER EXPLORATIONS MEMBER CODE OF CONDUCT COMMITMENT:

CCE Educators Please Note: This information should be reviewed with the participant and his/her parents. A review of **Expected Behavior** policies will establish a clear understanding of expectations among individuals involved, address discipline management issues, and note the consequences of inappropriate behavior. It is also important to review the Expected Behaviors with adults acting as Chaperones. Chaperones need to be made aware that they take full responsibility for **enforcing** the code of conduct.

Expected Behavior:

1. All participants are expected to be responsive to the reasonable requests of adult chaperones at the time given. This includes following rules and regulations of the given event (e.g. abiding by curfew).
2. All participants are expected to participate in all of the planned programs, to be on time and follow through on assigned tasks/responsibilities in a manner that insures the safety, well-being, and quality of the educational experience for self and others.
3. All participants will act in a mature, responsible manner, recognizing they are role models for others, and that they are representing themselves and the 4-H Youth Development Program.
4. All participants will be dressed appropriately for the event. Dress will depend on the event. If you are unsure about what is appropriate, in advance, contact the 4-H staff person in charge.
5. All participants will be considerate and courteous of all youth and adults and their property during travel, at group gatherings, and during free time.
6. All participants will respect the rights and opinions of others. CCE/4-H youth development programming is open to diverse groups of youth. Some customs may be different than what one normally experiences.
7. All participants are to refrain from the possession and/or use of illegal drugs, tobacco products, or alcoholic beverages, firearms and/or other weapons at all times. These are prohibited.
8. All participants are to refrain from romantic displays, sexual activities, and harassment either in public or private situations. These actions will not be tolerated.

Consequences – Any of the following may be used, depending on severity of the situation.

1. In mild cases, youth participant will receive a verbal warning.
2. Young person may remain at the event, but may possibly be barred from a future event.
3. Youth will be sent home at the family’s expense.

PROGRAM POLICY:

Participants will be assigned a double occupancy room.
Participants are responsible for any damages that occur to the room during their stay.
Any disturbance or emergencies should be reported to a chaperone.

Participants will be respectful at all times of Cornell property, equipment, and representatives offering programs.
Cancellations after June 10th will be billed a \$100.00 cancellation fee; no shows will be billed full charge
Participants must be in the dormitory by 10:00 p.m., lights out at 11:15 p.m.

PHOTO RELEASE:

Cornell Cooperative Extension and Cornell University are granted permission to use and/or publish my or my child’s photograph or image (including: audio, film, digital image or any other media) for educational purposes on their respective websites or for the promotion of their respective programs.

I understand that I/my child/ward are not being compensated in any way for the use of our images and that I/we do not have approval over the final product in which it appears. I hereby release Cornell Cooperative Extension, the Cornell Cooperative Extension Associations, and Cornell University and all persons acting under their permission or authority from any and all claims or liability arising out of use of our images. This release shall bind our heirs, guardians, assigns, and legal representatives.

If this release is being signed for a child/ward, I certify that I am the parent/guardian authorized to sign this release.

I understand the program policies and agree to follow the policies outlined above.

Participant Signature _____ Date _____

Parent or Guardian’s Signature _____ Date _____

FOR CHAPERONES ONLY: I understand the program policies and agree to follow and enforce the policies outlined above.

Signature of Chaperone

Date

Please complete this form and return to your county 4-H Educator. Applicants will not be permitted to participate without a completed health/insurance form with all appropriate signatures. Please note: Chaperones must sign their own form.



An annual
Conference of
Cornell Cooperative Extension
4-H Youth Development

4-H Career Ex

Exploring Cornell and careers.

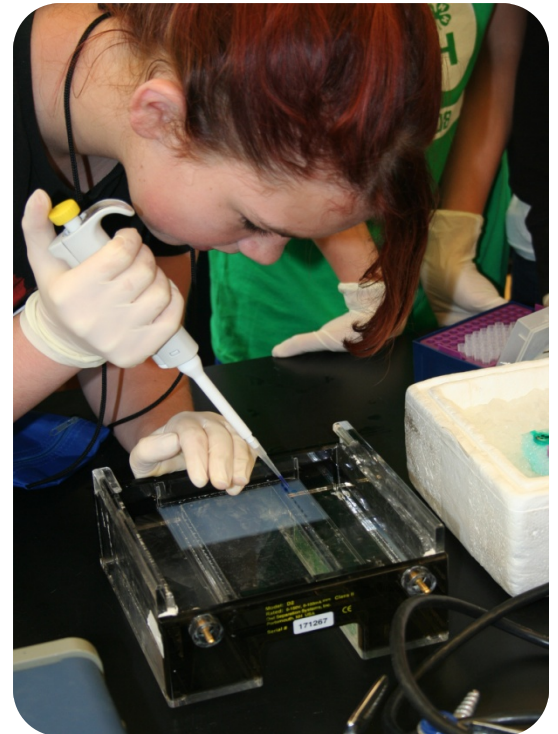
Dear Friends –

I'm pleased to share the 2013 4-H Career Explorations Conference information with you. Inside you will find all of the details that you will need including program descriptions and registration information. The goals of this exceptional conference are to: connect teens to Departments and people to enhance career awareness, help teens to gain leadership/teamwork experience, assist delegates in exploring Cornell, establish a network of 4-H friends and colleagues from across the state, experience a college campus, and celebrate 4-H Youth Development!

We hope that you will be as delighted as we are with this year's many and varied offerings.

As usual, registration is online & needs to be completed by 4-H staff from your county. We hope that you are able to join us this summer!

*Nancy Schaff
State 4-H STEM Program Specialist
4-H Career Explorations Coordinator*



<http://nys4h.cce.cornell.edu/events/Pages/CareerEx.aspx>

JOIN | THE REVOLUTION OF RESPONSIBILITY

Draft Program Schedule

Tuesday, June 25, 2013	
Time	Activity
10:00am—12:30 pm	Registration
12:30pm—12:45pm	Brief County Meetings
1:00pm—1:30pm	Chaperone Orientation
2:00pm—4:30pm	Focus for Teens Program Groups UU Welcome & Campus Tour
4:30pm-6:00pm	Dinner
7:00pm—8:15pm	Opening Assembly
8:30pm-10:00pm	Free Time/Activities
10:00pm-11:00pm	County Meeting & Evaluation
11:15pm	Lights Out

Wednesday, June 26, 2013	
Time	Activity
6:30am—8:00am	Breakfast
9:00am—4:30pm	Career Exploration Program Groups
4:30pm—6:00pm	Dinner
6:30pm—10:00pm	Free Time/Activities
10:00pm-11:00pm	County Meeting & Evaluation
11:15pm	Lights Out

Thursday, June 27, 2013	
Time	Activity
6:30am—8:00am	Breakfast
9:00am—12:00pm	Career Exploration Program Groups
12:10pm—12:50pm	Lunch
1:00pm—2:00pm	Closing Ceremony/Send Off

JUST THE FACTS

Dates: Tuesday, June 25 –
Thursday, June 27

Location: Cornell
University

Arrival: June 25
10:00am – 12:30 pm

Departure: June 27, 2:30 PM

Cost: \$215 per person

CONFERENCE COMPONENTS

University U

Audience:
Teens entering 8 – 9 grade

Focus for Teens

Audience:
Teens entering 10 – 12 grade
and veteran 9th grade
CareerX'ers.

Get to know
campus,
learn more
about
careers, &
meet new
friends.

GENERAL INFORMATION

The 4-H Career Explorations Conference is made up of two programs – University U (for those entering 8th & 9th grade) and Focus for Teens (those entering 10th – 12th grade). Teens choose the grade appropriate program and then Focus participants select three Focus programs they are most interested in exploring.

University U: Participants will be introduced to Cornell's campus through campus tours and participating in six different departmental workshops.

Focus for Teens: This is a more intense program where participants spend 3 days with a specific Department. Returning Focus for Teens participants should not apply to the same department program they attended in previous years (unless you are applying as a Focus Assistant). See program listings for more details.

“4-H Career Ex is a hands-on intro to higher education...”

Eligibility: 4-H Career Explorations conference participants are not required to have previously been 4-H members. Registrations are handled through your local county Cornell Cooperative Extension office and therefore eligibility may vary by county. CCE county Associations have varying policies about participation in 4-H events, and not all counties participate in 4-H Career Explorations. Every youth participant must have a designated chaperone (ratio of 1 adult to 5 youth). The chaperone registration fee is the same as for youth.

Cost: \$215 per participant to cover room, board, and program fees. Scholarships are competitive but available. Scholarship applications are due at the time of registration, **or no later than April 15.**

Early Arrival/Late Departure: Please indicate your needs on the registration form if your county needs/wants to arrive on campus early or stay late. See the registration form for costs. Teens arriving early or staying late must have a chaperone. Avoid mis-charges: contact Nancy Schaff directly, nschaff@cornell.edu to make special accommodations.

Chaperones: Counties are expected to provide chaperones in a 1 to 5 ratio for teens attending. Chaperones may be shared with other counties. Every participant must have a designated chaperone.

Registration: Participants must register with your local 4-H Youth Development program through your county Cornell Cooperative Extension Office. CCE staff should complete registrations on-line by April 15. Counties will be billed directly for the \$215 registration fee and any additional room and board fees as appropriate.

Cancellation Policy: Cancellations prior to June 10 will not be charged. Cancellations after June 10 will be billed a \$100.00 cancellation fee. Full charge for no-shows. Same gender, same program replacements are allowed. No-shows will be charged in full.

Scholarships: To apply for a full or partial youth scholarship, *please complete the scholarship form along with all requirements.* Scholarships are limited and will be awarded to qualified applicants through a competitive review process. **Scholarship applications are due by April 15.**

Parking: There is NO PARKING on campus during the event. Association and personal cars must be left at Cornell Conference lot (CC). Vehicles with “official” plates may park on campus in legitimate parking spaces without additional fees being assessed. Parking permits will be available for the CC Lot at registration.

R-E-S-P-E-C-T. As 4-H representatives of your county, delegates are expected to respect the cultural diversity in our organization (i.e. race, religion, sex, sexual orientation, and cultural background). Registrants will be expected to behave and dress in a 4-H appropriate manner (similar to school). Delegates acting inappropriately will be sent home at their family's cost/inconvenience. This policy is clearly stated on the registration form.

PROGRAM – UNIVERSITY U

University U—Designed for students entering 8th or 9th grade

University U welcomes students entering the eighth and ninth grades (or the equivalent) in the Fall. Veteran Career X'ers may participate in Focus for Teens. University U tours and workshops include:

ANIMAL SCIENCES: ADVENTURES

ANIMAL ADVENTURES

Find out how you can turn a passion for critters into a career involving animals. Although the animal science department prepares many undergraduates for entry into medical professions, did you know that wildlife rehabilitators, animal trainers, lab animal managers and technicians are viable career choices too? Visit with some of our campus partners to discover even more unique animal related careers in fields that benefit society. Who knows...you may be the next animal scientist to make a new discovery. (Animal Science)

APPLIED PHYSICS & ENGINEERING

ELECTRONICS & NANOSCIENCE

In this hands-on, workshop, you will build a simple working radio and learn how it operates. We will use the radio to help you understand why our computers, iPads, and cell phones have circuits in them that are a billion times smaller than the one you will build. You will also look at modern electronic circuits with a microscope. Finally, you will learn about the fun and exciting things people do in engineering and physics. (Applied and Engineering Physics)

ART: EXPLORATIONS

EXPLORING AN ART MUSEUM

In this hands-on, minds-on tour visitors will learn about all aspects of the Herbert F. Johnson Museum of Art from its world-class collections to the roles of the staff. (Johnson Museum of Art)

CORNELL PLANTATIONS

FOOLING WITH FIBERS

Explore Cornell University's Botanical Garden while learning about plants that produce fibers. Starting off in the Nevin Welcome Center, we will do hands-on activities using plant fiber. Then we will move outside to the gardens, extracting different fibers, twisting them into rope and thread as we learn about the diversity of jobs required to run Cornell Plantations. (Cornell Plantations)

ENVIRONMENTAL ENGINEERING

BIOENERGY & BIOPRODUCTS

How can we use renewable resources from our environment to replace fossil-fuel based products? Come learn how renewable, biologically-based products are being invented and used today and test them for yourself! (Biological & Environmental Engineering)

MATHEMATICS

HANDS-ON MATH

Explore different areas of mathematics and see how they're used in everyday life. We will look at puzzles, code breaking, patterns, soap bubbles, and much more. Also, we'll talk about the different careers that are open to people interested in math. Who knew that math could be so fun? (Mathematics)

MUSEOLOGY 101

CONSTRUCTING A MUSEUM EXHIBIT

Who works in a Museum? Join educators from the Museum of the Earth to learn the answer as we explore the process of writing, designing and constructing an exhibit. Choose a profession and work cooperatively with your peers to design your own exhibit using ancient fossils from the Museum's education collections. (Museum of the Earth at the Paleontological Research Institute)

PHYSICS: ACCELERATE**GETTING STARTED WITH ACCELERATOR SCIENCE**

Learn about physics by exploration and experimentation. Try things out. Be creative. Make something that works! (Laboratory for Accelerator-based Sciences and Education)

ENTOMOLOGY**THE GOOD, THE BAD, AND THE BUGLY**

Learn why insects are so important, cause so much trouble, and are so awesome!! Insects are responsible for pollinating much of the food that humans eat. Insect predators help control insect pests without chemicals. At the same time, insects cause an enormous amount of damage to crops and other human products. Insects and their arthropod relatives have fascinating lives and use methods of communication that humans don't even notice. Learn about insects and careers studying insects in these presentations by graduate students in Entomology. (Entomology)

OCEANOGRAPHY**OCEAN SATELLITE REMOTE SENSING**

A short lecture and hands-on computer exercise will demonstrate the basic steps involved to process top-of-the-atmosphere satellite data in order to produce final mapped images of ocean surface chlorophyll concentration. An emphasis will be placed on showing students that working with satellite data is easy and accessible to all who have an interest in the ocean. (Oceanography)

“Career Ex helped me decide what to major in as an undergraduate...”

Program – Focus for Teens

Focus for Teens—Designed for students entering tenth – twelfth grade, and veteran Career X'ers

Participants will spend three days with a specific department. Returning Focus for Teens participants should not apply to the same department program they attended in previous years (unless you are applying as a Focus Assistant). Note: There is a maximum registration number in order to give every participant the best possible experience. As a result, we cannot accommodate everyone's first choice program. Participant selection will be made primarily on a first come, first served basis. Notification of program placement will be made in late April or early May. Some teens may be asked to accept placement in programs they did not express an interest in. If you are unhappy about placement – please let us know after placement is announced.

ANIMAL SCIENCE: HORSES**CAREERS IN THE HORSE INDUSTRY**

Are you interested in horses? Ever think about a job working in the equine industry? Come to Cornell this summer and learn about horses and careers in the horse industry. Learn about animal science, equine science, veterinary science, animal care, breeding, farm management, and so much more. Come and learn about the Standardbred and the harness racing industry – as the funding to support this wonderful program comes from the Standardbred and harness racing industry. We will be taking an all day field trip (in a comfortable air conditioned bus) with possible visits including: SUNY Morrisville Equine Rehabilitation Center, a Harness Race Track, a Standardbred farm, SUNY Morrisville Standardbred Racing program or the “Harness Racing Museum and Hall of Fame,” and Blue Chip Farms in Goshen, NY. (Animal Science) Maximum number of 35 students.

ASTRONOMY**EXPLORING THE SOLAR SYSTEM AND UNIVERSE**

In this workshop, students will investigate the meaning behind Carl Sagan's famous quotation: "We are made of star-stuff." Starting with the Big Bang and ending with the human body, we will trace the 14 billion year journey of a single atom, from the birth of the Universe, through the formation and evolution of stars, to the development of the Solar System, our home planet Earth, and the origin of life. Through hands-on activities, you will experience the reality of conducting science and the challenge of discovery. (Astronomy) Maximum number of students: 15

ANIMAL SCIENCE: DAIRY**PROFESSIONAL DAIRY CAREER FOCUS**

Participants will have the opportunity to build personal and professional skills and develop a positive attitude about the dairy industry. In this program you will be involved in hands-on learning of skills and knowledge in the areas of veterinary science, dairy nutrition and production management. Opportunities start with meeting and interacting with faculty in the Animal Science Department. The second and third day of the program will include discussions, hands-on learning and practicing of technical skills used by veterinarians, dairy nutritionists, and production management professionals in their daily activities. In addition to skill development you will have the opportunity to participate in farm-level analysis and research practices utilized by dairy professionals such as veterinarians, nutritionists, and herd managers. This program is a great opportunity for you to explore the vibrant dairy sector with a veterinarian and/or dairy nutritionist as a mentor. (Animal Science) Maximum number of students: 25

BIOMEDICAL ENGINEERING**WHERE LIFE & ENGINEERING MEET**

Students in this program will have the chance to see and discuss how engineering principles are bound in biology and medicine and how they can be applied to create new medical therapies. The theme will be "The Heart of the Matter-Using Nature to Build a Better Heart." Students will rotate through stations led by PhD students where you will grow chick embryos outside the shell, learn how the environment affects cell behavior, identify different structures as they form including an inside look at the beating heart, learn how imaging technologies are used in medical research, how everyday materials are used in biology, and how three-dimensional printing can lead to custom built heart valve replacements. Come ready to learn and have a GREAT time! (Biomedical Engineering) Maximum number of students: 20

COMPUTER SCIENCE**COLLECTING & ANALYZING WATER QUALITY DATA**

This program will explore the use of computational methods for monitoring the local watershed. Students will be introduced to basic techniques for collecting data and will develop programs for collecting, analyzing, and visualizing this data. The program will include a day in the field led by a local U.S. Geological Survey hydrologist. (Computer Science) Maximum number of students: 25

CROP & SOIL SCIENCES**THE SCIENCE BEHIND GOOD SOILS**

Students will explore, firsthand, the fundamentals of laboratory techniques related to soil and tissue testing for determining soil health. Become a soil doctor and figure out what is good about your soil and what to prescribe to make soils more productive. You will get hands-on experience in the lab in soil and tissue testing procedures that involve accurate weighing, pipetting, and diluting of samples and measuring precisely and accurately the extracted nutrients on sophisticated state-of-the-art instrumentation. You are encouraged to bring soil from home. (Crop and Soil Sciences/Cornell Nutrient Analysis Laboratory). Maximum number of students: 10

EDUCATION**TOUCH A LIFE -- SHAPE THE FUTURE -- TEACH**

We are 4-H, and all of us have interests in aspects of the broad topic of agriculture. Visit with Professor Perry as we explore corners of Cornell and work with green houses, food science, agronomy, and natural resource activities and how they connect to the importance and excitement of teaching. Opportunities for growth and development in education are explored in this program. (Education Studies and Teacher Preparation) Maximum number of students: 16

ENVIRONMENTAL ENG.: WASTE TO ENERGY**TURNING WASTES TO ENERGY**

This program focuses on anaerobic digestion of organic wastes for methane production (a renewable energy source). Come find out how anaerobic digesters work and learn about some of the research being conducted in the Department of Biological and Environmental Engineering at Cornell. Students will build and test small-scale anaerobic digesters to convert cafeteria food waste to methane. A tour will be given of the Ithaca wastewater treatment plant downtown, where they currently use anaerobic digesters to power some of their facilities. (Biological & Environmental Engineering) Maximum number of students: 10

FIBER SCIENCE & APPAREL DESIGN**ACTIVEWEAR ADVANTAGE**

Can what you wear make you a better athlete? Is high performance gear worth the price? Learn how special materials and innovative designs used in clothing for sports and exercise can boost your physical performance and keep you cool, warm, dry, safe, and comfortable. Learn how to select and care for these garments. (Fiber Science & Apparel Design) Maximum number of students: 14

FOOD SCIENCE: DNA FINGERPRINTING**FOOD SCIENCE & DNA**

In this exploration, we will be using epidemiological and microbiological techniques that public health workers use to investigate foodborne disease outbreaks. Your mission will be to determine the source of a foodborne illness outbreak. You will learn about and use molecular techniques such as DNA fingerprinting to determine which food is contaminated. The workshop will provide you with a highly interactive experience to explore career options in food science, molecular biology, and DNA-based forensics investigation. (Food Science) Maximum number of students: 16

GEOSPACIAL SCI: EXPLORING GPS**FINDING YOUR FAVORITE PLACES USING GPS TECHNOLOGY**

Find hidden treasure around campus, build scale model gliders equipped with remote sensing video cameras, and build your own 2-D models of the world around you! This workshop will introduce you to one of the hottest career tracks in the United States today! Learn the basics of Global Positioning System (GPS), Geographic Information Systems (GIS), and remote sensing through a combination of fun fieldwork, hands-on classroom activities, and computer lab experiences. We provide all the equipment you will need for this exciting adventure, and help you plan for community service-based mapping projects at home. This workshop is great preparation for leadership in the 2013 4-H National Youth Science Day experiment! Maximum number of students: 24

HUMAN DEV: THINK LIKE A SCIENTIST**THINKING LIKE A SCIENTIST**

Can another person read your mind? Is high self-esteem as important as you think? Do stereotypes affect your academic performance, even without you being aware of it? Are compliments always a positive thing? These are the types of questions we explore in Thinking Like a Scientist. This program will help you learn how to answer tough questions about real life. You will be on the edge of your seat as we discuss hot topics you never learn about in school. Participation and activities are the best part! Come learn about the real world of science you never hear about in school – and prepare to be entertained. (Human Development) Maximum number of students: 25

HUMAN DEVELOPMENT: REDUCE THE RISK**GIST-ENHANCED REDUCING THE RISK**

The Gist-Enhanced Reducing the Risk program is an evidence-based health & education program for high school students developed by Dr. Valerie Reyna. The program is split into two curricula based on the latest developments in research on adolescent memory and decision-making: (a) healthy eating & fitness and (b) reducing the risk in terms of lifestyle choices, STI prevention, and establishing healthy relationships. Participants in this NIH-funded program will help us test the new curriculum. Both groups will be given the opportunity to meet with experts in the field. The nutrition group will learn about potential career options, nutritional challenges, and the current obesity epidemic. The lifestyle group will meet with healthcare professionals at Cornell and discuss the greatest health challenges facing teens today. Students interested in pursuing research at a collegiate level will learn about the research process from beginning to end with our lab members who counsel students going into medical schools, law school, public health, and graduate schools in psychology. Students will be randomly assigned to one of the two tracks described (they will not have a choice). (Human Development) Maximum number of students: 40

INFO TECH: LIVE FROM CAREER EX!**LIVE FROM CAREER EX! DOCUMENTING THE EXPERIENCE WITH DIGITAL MEDIA**

This session will make use of digital video, podcasts, tweets, and blogs to document the Career Explorations Conference as it happens. We'll interview participants, staff, and Cornell faculty, and make extensive use of technology tools to "broadcast" the conference to the world. (Cornell Cooperative Extension Administration Information Technology) Maximum number of students: 15

MECHANICAL ENGINEERING:**DISCOVER THE FRUIT OF THE CREATIVE PROCESS**

Look around you—nearly every object you see has been designed by a mechanical engineer. In this workshop, you will learn about the different aspects in this interesting field. You will get to visualize the aerodynamics of objects in a wind tunnel, find the ultimate strength of materials, build and launch rockets on Libe Slope, and more! (Mechanical Engineering) Maximum number of students: 18

MOLECULAR BIOLOGY & GENETICS**EMBRYONIC DEVELOPMENT**

RESEARCH ON MODEL ORGANISMS AND ITS APPLICATIONS IN PRENATAL DIAGNOSIS: All of us were once embryos, being shaped into babies inside the cozy environment provided by our moms. In this program, participants will get a peek at how the intermediate steps of this process look by dissecting chicken and mouse embryos at different embryonic stages. Participants will also analyze mutant mouse embryos that model human congenital malformations and will be introduced to some of the molecular biology techniques commonly used in genetic research. Through this program, you will learn how results from developmental biology studies are applied for the diagnosis of human birth defects and genetically inherited diseases. (Molecular Biology & Genetics) Maximum number of students: 10

NATURAL RESOURCES**FORESTRY, WILDLIFE & FISHERIES**

Faculty and staff from the Dept. of Natural Resources will lead participants on three field trips: stream organism sampling; a tour of Arnot Forest to see summer undergraduate intern projects; and a demonstration of the ongoing campus deer management program. You will capture aquatic insects and salamanders, participate in tree inventories, handle radio telemetry equipment, and see a demonstration of deer traps and dart guns. (Natural Resources) Maximum number of students: 18

NATURAL RESOURCES**NATURE & CULTURE**

This new program will examine the interactions between people, values, and natural resources. We will choose to explore some of the environmental issues of today such as global climate change, landscape transformation, endangered and invasive species, human alteration of biogeochemical cycles, “green” markets and other environmental strategies, environmental justice, bio-cultural and biological diversity, and international conservation (based on the interests of the group). Students will work in small groups to investigate one of these topics to understand the biological, ecological, ethical, and societal basis for biodiversity conservation, sound resource management, and/or sustainable development. There will be group sharing and discussion about what youth can do to make a difference in regard to these issues. (Natural Resources) Maximum number of students: 25

HORTICULTURE**PERMACULTURE**

So, you don't like to just sit in a classroom. Want to get your hands dirty while learning? Want to be inspired by questions such as, how does gardening and farming impact a community... and how can you make a difference? Our overall goal is to inspire you to think outside the “garden box,” learning about a whole new way of working with, not against, nature. This is what we call permaculture! In this workshop, we will keep you active and on your feet. We will pilot some gardening and permaculture activities to give you a solid grounding, and will include portions of our popular Youth Grow leadership training. Our hope is that through the experiences and field trips, we will put our money where our mouth is: not just talking about, but also demonstrating sustainability, improving how we work with the earth, helping build strong community relations, providing local and affordable food to people, and even impacting climate change. We may be able to partner with the Ithaca Children's Garden's permaculture youth camp this summer as well. (Horticulture) Maximum number of students: 15

VETERINARY SCIENCE**VETERINARY SCIENCE DISCOVERY**

Veterinary medicine is changing every day, and this is reflected in the wide range of animals that veterinarians care for and the treatments they employ. You will experience several aspects of veterinary medicine including small animal examination, dentistry, ophthalmology, pathology, and wildlife medicine. You will also learn about ruminant digestion and sample rumen fluid from a fistulated cow. Other topics featured will include radiology and a horse treadmill demonstration. (Veterinary Science) Maximum number of students: 30

FOCUS ASSISTANTS



“Being a Focus Assistant was fun – it helped me meet new people – and it felt great to lead a program that I love...”

FOCUS ASSISTANTS: Applicants must have participated in the event before. Applicants must demonstrate mature, responsible behavior, and they must be able to assume leadership responsibilities among teens and/or peers. In addition to submitting a 4-H Career Explorations registration form, applicants must complete a Focus Assistant application, which includes the name of a county Educator who will act as a reference (the educator will be contacted after all of your materials have been submitted). One or two Focus Assistants will be selected for each Focus program. It is not necessary, but is acceptable, for Focus Assistant applicants to be a part of the program they attended last year. **Focus Assistants are required to arrive a day early for training.** The State 4-H Office will cover early arrival costs and chaperoning for Focus Assistants.

FOCUS ASSISTANT RESPONSIBILITIES:

- * Participate fully in Focus for Teens program.
- * Serve as responsible and mature role models for 4-H Career Exploration participants.
- * Help to ensure that the 4-H Career Exploration program runs smoothly.
- * Meet and greet Career Exploration participants as they arrive on campus.
- * Gather assigned Focus group and lead roll call.
- * Relay information to FA chaperones and program coordinators.
- * Walk participants to assigned program area.
- * Assist in the setup and running of assigned department programs.
- * Help with evening activities and the closing assembly, and assist with setup, sign posting, and other details.
- * Attend evening evaluation meetings with other FAs and FA chaperones to discuss issues, concerns and special duties for the next day.
- * Provide assistance to participants throughout the duration of the program.

FOCUS ASSISTANT TRAINING:

Focus Assistants must be on campus by 11am, Monday, June 24, for the Focus Assistant Orientation on campus. Focus Assistants will stay on campus Monday night – the State 4-H Office will cover meals and additional lodging costs for their early arrival.

Cornell Cooperative Extension is an equal opportunity, affirmative action educator and employer.

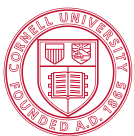
“4-H AND SCIENCE WILL AMAZE YOU”



FIND OUT HOW AT NYS4H.CCE.CORNELL.EDU

NYS 4-H IS THE YOUTH DEVELOPMENT PROGRAM OF
THE CORNELL COOPERATIVE EXTENSION SYSTEM

JOIN | THE REVOLUTION 
OF RESPONSIBILITY



Cornell University
Cooperative Extension



202 Beebe Hall • Cornell University
Ithaca, NY 14853
Web: nys4h.cce.cornell.edu
Phone: 607-255-0896

2013 4-H CAREER EXPLORATIONS REGISTRATION FORM

REGULAR REGISTRATION

Name _____ County _____

Address _____

City _____ State _____ Zip _____

(_____) _____ (_____) _____
Home Phone Cell Phone

Email Address (required) _____ Years in 4-H _____

Submitting Scholarship Application Submitting Focus Assistant Application

Please check all that apply:

Submitted on-line app. (for county use only)

Youth Participant
_____ Grade entering in Fall

Chaperone

Staff Member/Chaperone

Male

Female

T-Shirt Size _____

EMERGENCY /SPECIAL NEEDS INFORMATION

Special Dietary Needs Yes No

Accessibility Needs Yes No

Medical Needs Yes No

Designated Chaperone Need Yes No

Medical needs such as allergies and conditions such as diabetes, behavioral issues, etc. are critical to include in the database so chaperones have the information.

If you answered yes to any of these questions, please provide a brief explanation below:

Emergency Contact Name _____

Relationship _____

Emergency Phone - Day _____ Emergency Phone - Evening _____

Parent or Guardian's Workplace _____

Work phone _____ I am requesting to room with: _____

****Note to Counties:** All information from this registration form must be completed in the online registration database. This hard copy is for county use only.

EARLY ARRIVAL / LATE DEPARTURE

Please indicate need for early/late accommodation. Requests can be made on the online registration form. This is to avoid any accidental registrations/charges for early arrival/late departure. Note costs:
Overnight: Double - \$27, Single - \$34 Breakfast: \$7.56 Lunch: \$10.77 Dinner: \$14.12

Extra nights accommodation needed _____ Extra meals needed _____

FOCUS FOR TEENS PROGRAM CHOICES

FOCUS FOR TEENS ONLY: (Youth grades 10-12, or members who have attended UU before) – Indicate 1st, 2nd, and 3rd choices (see program selections on Page 2 & descriptions in the Program Facts).

1	2	3
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*University U participates will be randomly placed in a group and visit six different workshops.

PROGRAM POLICIES

- Participants will be assigned a double occupancy room. Disruptive participants' parents will be notified and participants will be sent home.
- Participants are responsible for any damages that occur to the room during their stay. Cancellations after June 10 will be billed a cancellation fee.
- Any disturbance or emergencies should be reported to a chaperone. Youth substitutes of the same gender and participation in the same program will be accepted after the June 11th deadline.
- Alcohol and drug use is strictly prohibited.
- Participants must be in the dormitory by 10:00 p.m., lights out at 11:15 p.m. Photos taken during the program may be used to promote 4-H Youth Development.
- 4-H appropriate clothing required at all times.

PROGRAM SELECTION INFORMATION

PROGRAM CHOICES FOR FOCUS FOR TEENS (GRADES 10-12)

An Sci: Horses	Geospatial Sci: Exploring GPS
An Sci: Dairy	Human Dev.: Reducing the Risk
Astronomy: Exploring the Solar System	Human Dev.: Thinking Like a Scientist
Biomedical Eng.: Life & Eng.	Info. Tech.: Live From Career Ex!
Computer Science	Mechanical Eng: Discover the Fruit of Creative Process
Crop & Soil Sciences: The Science behind Good Soils	Molecular Biology & Genetics: Embryonic Development
Education: Touch a Life, Shape the Future	Natural Resources: Forestry, Wildlife, & Fisheries
Environmental Eng.: Waste to Energy	Natural Resources: Nature & Culture
Fiber Science & Apparel Design: Activewear Advantage	Plant Science
Food Science : DNA Fingerprinting	Vet Science: Discovery

COSTS AND FEE SCHEDULE

Total cost for registrant:

\$215 (participant fee) + _____ (early arrival or late departure fees) = _____

NOTE: THIS AMOUNT WILL BE CHARGED TO THE CCE ASSOCIATION ACCOUNT.

**CORNELL COOPERATIVE EXTENSION
4-H YOUTH DEVELOPMENT PROGRAM
CAREER EXPLORATIONS SCHOLARSHIP APPLICATION 2013**



There are limited funds for providing scholarships for the Cornell Cooperative Extension 4-H 2013 Career Explorations conference. Scholarships are evaluated on financial need, completeness of application and demonstrated interest and abilities. ALL APPLICANTS INTERESTED IN RECEIVING A SCHOLARSHIP MUST COMPLETE THIS FORM AND SUBMIT IT BEFORE APRIL 15.

Name County Educator Name

Home Address

Telephone Alternate Phone E-Mail Address

Date of Birth Year of HS Graduation Intended Major or Area of Concentration

Please answer the following question for Statistical purposes only.

APPLICANT'S RACE/ETHNICITY – PLEASE CHECK ONE OF THE FOLLOWING CHOICES

<input type="radio"/> African American/Black	<input type="radio"/> American Indian/Alaskan Native
<input type="radio"/> Caucasian/White	<input type="radio"/> Latino/Hispanic/Chicano
<input type="radio"/> Bi- or Multi- Ethnic/Racial	<input type="radio"/> Asian/Pacific Islander
<input type="radio"/> Middle Eastern	

Family Financial Information

Check the box next to the amount that best describes your **family's gross income** as may be found on the most recent U.S. Individual Federal Income Tax form 1040.

- | | | |
|---|---|---|
| <input type="radio"/> Less than \$10,000 | <input type="radio"/> \$25,001 – \$30,000 | <input type="radio"/> \$45,001 – \$50,000 |
| <input type="radio"/> \$10,001 – \$15,000 | <input type="radio"/> \$30,001 – \$35,000 | <input type="radio"/> \$50,001 – \$60,000 |
| <input type="radio"/> \$15,001 – \$20,000 | <input type="radio"/> \$35,001 – \$40,000 | <input type="radio"/> Greater than \$60,000 |
| <input type="radio"/> \$20,001 – \$25,000 | <input type="radio"/> \$40,001 – \$45,000 | |

Please indicate the number of dependent children in your family: _____

Applicant Signature

Date

County Educator Signature (Required)

Printed Educator Name

Parent Signature

Printed Parent Name

Tell us in 50 words or more about the following.

Involvement with your county's 4-H program (years, programs, awards.) Must include most recent activities.

Why do you want to come to 4-H Career Explorations?

A full scholarship is \$190. You will need to pay a \$25 registration fee.
If a full scholarship is not available, would you be able to support half of your registration fee (\$105)?

Yes No

Will you be applying to be a Focus Assistant?

Yes No

Have you received a scholarship in the past?

Yes No

Do you have other sources of outside financial assistance for this conference?

Yes No

Please mail or fax completed application to:
Nancy Schaff, State 4-H Youth Development Program Specialist
● Cornell Cooperative Extension Administration ● 202 Beebe Hall ● Ithaca, NY 14853-4203
● Telephone: 607-254-7416 ● Fax: 607-255-8562

Attention 4-H Staff

County Cover Sheet

This checklist is meant to help you work through the Career Explorations application process. **Please review, check off items when completed, sign, and return with your mailed in application materials to NYS 4-H Office, Beebe Hall, Cornell University.**

Documents to complete ON-LINE ONLY:

- Registration form(s) for ALL youth and adults with:
 - Complete and accurate home mailing address,
 - Email address for youth or their family – required!
 - Emergency contact name
 - Emergency phone numbers
 - Grade in school
 - Completed choice selections for Focus Delegates
 - Years in 4-H

Documents to be sent to the State 4-H Office:

- Applications for scholarship – please note this on the registration form – County Educator signature is required on scholarship application
- Applications to be a Focus Assistant – please note on the registration form – County Educator will be contacted for recommendation

Documents to be sent with chaperones to 4-H Career Explorations:

- Health forms – 4 copies per youth (one set for the nurse, one for the lead chaperone, one for the State 4-H Office, and the last individual copy to be kept with each delegate at all times during their stay)

Signature of 4-H Staff responsible for Registration (required)

County Name

Number of applications submitted



An annual
Conference of
Cornell Cooperative Extension
4-H Youth Development

4-H Career Ex

Exploring Cornell and careers.

Dear Friends –

I'm pleased to share the 2013 4-H Career Explorations Conference information with you. Inside you will find all of the details that you will need including program descriptions and registration information. The goals of this exceptional conference are to: connect teens to Departments and people to enhance career awareness, help teens to gain leadership/teamwork experience, assist delegates in exploring Cornell, establish a network of 4-H friends and colleagues from across the state, experience a college campus, and celebrate 4-H Youth Development!

We hope that you will be as delighted as we are with this year's many and varied offerings.

As usual, registration is online & needs to be completed by 4-H staff from your county. We hope that you are able to join us this summer!

*Nancy Schaff
State 4-H STEM Program Specialist
4-H Career Explorations Coordinator*



<http://.nys4h.cce.cornell.edu/events/Pages/CareerEx.aspx>

JOIN | THE REVOLUTION OF RESPONSIBILITY

Draft Program Schedule

Tuesday, June 25, 2013	
Time	Activity
10:00am—12:30 pm	Registration
12:30pm—12:45pm	Brief County Meetings
1:00pm—1:30pm	Chaperone Orientation
2:00pm—4:30pm	Focus for Teens Program Groups UU Welcome & Campus Tour
4:30pm-6:00pm	Dinner
7:00pm—8:15pm	Opening Assembly
8:30pm-10:00pm	Free Time/Activities
10:00pm-11:00pm	County Meeting & Evaluation
11:15pm	Lights Out

Wednesday, June 26, 2013	
Time	Activity
6:30am—8:00am	Breakfast
9:00am—4:30pm	Career Exploration Program Groups
4:30pm—6:00pm	Dinner
6:30pm—10:00pm	Free Time/Activities
10:00pm-11:00pm	County Meeting & Evaluation
11:15pm	Lights Out

Thursday, June 27, 2013	
Time	Activity
6:30am—8:00am	Breakfast
9:00am—12:00pm	Career Exploration Program Groups
12:10pm—12:50pm	Lunch
1:00pm—2:00pm	Closing Ceremony/Send Off

JUST THE FACTS

Dates: Tuesday, June 25 –
Thursday, June 27

Location: Cornell
University

Arrival: June 25
10:00am – 12:30 pm

Departure: June 27, 2:30 PM

Cost: \$215 per person

CONFERENCE COMPONENTS

University U

Audience:
Teens entering 8 – 9 grade

Focus for Teens

Audience:
Teens entering 10 – 12 grade
and veteran 9th grade
CareerX'ers.

Get to know
campus,
learn more
about
careers, &
meet new
friends.

GENERAL INFORMATION

The 4-H Career Explorations Conference is made up of two programs – University U (for those entering 8th & 9th grade) and Focus for Teens (those entering 10th – 12th grade). Teens choose the grade appropriate program and then Focus participants select three Focus programs they are most interested in exploring.

University U: Participants will be introduced to Cornell's campus through campus tours and participating in six different departmental workshops.

Focus for Teens: This is a more intense program where participants spend 3 days with a specific Department. Returning Focus for Teens participants should not apply to the same department program they attended in previous years (unless you are applying as a Focus Assistant). See program listings for more details.

“4-H Career Ex is a hands-on intro to higher education...”

Eligibility: 4-H Career Explorations conference participants are not required to have previously been 4-H members. Registrations are handled through your local county Cornell Cooperative Extension office and therefore eligibility may vary by county. CCE county Associations have varying policies about participation in 4-H events, and not all counties participate in 4-H Career Explorations. Every youth participant must have a designated chaperone (ratio of 1 adult to 5 youth). The chaperone registration fee is the same as for youth.

Cost: \$215 per participant to cover room, board, and program fees. Scholarships are competitive but available. Scholarship applications are due at the time of registration, **or no later than April 15.**

Early Arrival/Late Departure: Please indicate your needs on the registration form if your county needs/wants to arrive on campus early or stay late. See the registration form for costs. Teens arriving early or staying late must have a chaperone. Avoid mis-charges: contact Nancy Schaff directly, nschaff@cornell.edu to make special accommodations.

Chaperones: Counties are expected to provide chaperones in a 1 to 5 ratio for teens attending. Chaperones may be shared with other counties. Every participant must have a designated chaperone.

Registration: Participants must register with your local 4-H Youth Development program through your county Cornell Cooperative Extension Office. CCE staff should complete registrations on-line by April 15. Counties will be billed directly for the \$215 registration fee and any additional room and board fees as appropriate.

Cancellation Policy: Cancellations prior to June 10 will not be charged. Cancellations after June 10 will be billed a \$100.00 cancellation fee. Full charge for no-shows. Same gender, same program replacements are allowed. No-shows will be charged in full.

Scholarships: To apply for a full or partial youth scholarship, *please complete the scholarship form along with all requirements.* Scholarships are limited and will be awarded to qualified applicants through a competitive review process. **Scholarship applications are due by April 15.**

Parking: There is NO PARKING on campus during the event. Association and personal cars must be left at Cornell Conference lot (CC). Vehicles with “official” plates may park on campus in legitimate parking spaces without additional fees being assessed. Parking permits will be available for the CC Lot at registration.

R-E-S-P-E-C-T. As 4-H representatives of your county, delegates are expected to respect the cultural diversity in our organization (i.e. race, religion, sex, sexual orientation, and cultural background). Registrants will be expected to behave and dress in a 4-H appropriate manner (similar to school). Delegates acting inappropriately will be sent home at their family's cost/inconvenience. This policy is clearly stated on the registration form.

PROGRAM – UNIVERSITY U

University U—Designed for students entering 8th or 9th grade

University U welcomes students entering the eighth and ninth grades (or the equivalent) in the Fall. Veteran Career X'ers may participate in Focus for Teens. University U tours and workshops include:

ANIMAL SCIENCES: ADVENTURES

ANIMAL ADVENTURES

Find out how you can turn a passion for critters into a career involving animals. Although the animal science department prepares many undergraduates for entry into medical professions, did you know that wildlife rehabilitators, animal trainers, lab animal managers and technicians are viable career choices too? Visit with some of our campus partners to discover even more unique animal related careers in fields that benefit society. Who knows...you may be the next animal scientist to make a new discovery. (Animal Science)

APPLIED PHYSICS & ENGINEERING

ELECTRONICS & NANOSCIENCE

In this hands-on, workshop, you will build a simple working radio and learn how it operates. We will use the radio to help you understand why our computers, iPads, and cell phones have circuits in them that are a billion times smaller than the one you will build. You will also look at modern electronic circuits with a microscope. Finally, you will learn about the fun and exciting things people do in engineering and physics. (Applied and Engineering Physics)

ART: EXPLORATIONS

EXPLORING AN ART MUSEUM

In this hands-on, minds-on tour visitors will learn about all aspects of the Herbert F. Johnson Museum of Art from its world-class collections to the roles of the staff. (Johnson Museum of Art)

CORNELL PLANTATIONS

FOOLING WITH FIBERS

Explore Cornell University's Botanical Garden while learning about plants that produce fibers. Starting off in the Nevin Welcome Center, we will do hands-on activities using plant fiber. Then we will move outside to the gardens, extracting different fibers, twisting them into rope and thread as we learn about the diversity of jobs required to run Cornell Plantations. (Cornell Plantations)

ENVIRONMENTAL ENGINEERING

BIOENERGY & BIOPRODUCTS

How can we use renewable resources from our environment to replace fossil-fuel based products? Come learn how renewable, biologically-based products are being invented and used today and test them for yourself! (Biological & Environmental Engineering)

MATHEMATICS

HANDS-ON MATH

Explore different areas of mathematics and see how they're used in everyday life. We will look at puzzles, code breaking, patterns, soap bubbles, and much more. Also, we'll talk about the different careers that are open to people interested in math. Who knew that math could be so fun? (Mathematics)

MUSEOLOGY 101

CONSTRUCTING A MUSEUM EXHIBIT

Who works in a Museum? Join educators from the Museum of the Earth to learn the answer as we explore the process of writing, designing and constructing an exhibit. Choose a profession and work cooperatively with your peers to design your own exhibit using ancient fossils from the Museum's education collections. (Museum of the Earth at the Paleontological Research Institute)

PHYSICS: ACCELERATE**GETTING STARTED WITH ACCELERATOR SCIENCE**

Learn about physics by exploration and experimentation. Try things out. Be creative. Make something that works! (Laboratory for Accelerator-based Sciences and Education)

ENTOMOLOGY**THE GOOD, THE BAD, AND THE BUGLY**

Learn why insects are so important, cause so much trouble, and are so awesome!! Insects are responsible for pollinating much of the food that humans eat. Insect predators help control insect pests without chemicals. At the same time, insects cause an enormous amount of damage to crops and other human products. Insects and their arthropod relatives have fascinating lives and use methods of communication that humans don't even notice. Learn about insects and careers studying insects in these presentations by graduate students in Entomology. (Entomology)

OCEANOGRAPHY**OCEAN SATELLITE REMOTE SENSING**

A short lecture and hands-on computer exercise will demonstrate the basic steps involved to process top-of-the-atmosphere satellite data in order to produce final mapped images of ocean surface chlorophyll concentration. An emphasis will be placed on showing students that working with satellite data is easy and accessible to all who have an interest in the ocean. (Oceanography)

“Career Ex helped me decide what to major in as an undergraduate...”

Program – Focus for Teens

Focus for Teens—Designed for students entering tenth – twelfth grade, and veteran Career X'ers

Participants will spend three days with a specific department. Returning Focus for Teens participants should not apply to the same department program they attended in previous years (unless you are applying as a Focus Assistant). Note: There is a maximum registration number in order to give every participant the best possible experience. As a result, we cannot accommodate everyone's first choice program. Participant selection will be made primarily on a first come, first served basis. Notification of program placement will be made in late April or early May. Some teens may be asked to accept placement in programs they did not express an interest in. If you are unhappy about placement – please let us know after placement is announced.

ANIMAL SCIENCE: HORSES**CAREERS IN THE HORSE INDUSTRY**

Are you interested in horses? Ever think about a job working in the equine industry? Come to Cornell this summer and learn about horses and careers in the horse industry. Learn about animal science, equine science, veterinary science, animal care, breeding, farm management, and so much more. Come and learn about the Standardbred and the harness racing industry – as the funding to support this wonderful program comes from the Standardbred and harness racing industry. We will be taking an all day field trip (in a comfortable air conditioned bus) with possible visits including: SUNY Morrisville Equine Rehabilitation Center, a Harness Race Track, a Standardbred farm, SUNY Morrisville Standardbred Racing program or the “Harness Racing Museum and Hall of Fame,” and Blue Chip Farms in Goshen, NY. (Animal Science) Maximum number of 35 students.

ASTRONOMY

EXPLORING THE SOLAR SYSTEM AND UNIVERSE

In this workshop, students will investigate the meaning behind Carl Sagan's famous quotation: "We are made of star-stuff." Starting with the Big Bang and ending with the human body, we will trace the 14 billion year journey of a single atom, from the birth of the Universe, through the formation and evolution of stars, to the development of the Solar System, our home planet Earth, and the origin of life. Through hands-on activities, you will experience the reality of conducting science and the challenge of discovery. (Astronomy) Maximum number of students: 15

ANIMAL SCIENCE: DAIRY

PROFESSIONAL DAIRY CAREER FOCUS

Participants will have the opportunity to build personal and professional skills and develop a positive attitude about the dairy industry. In this program you will be involved in hands-on learning of skills and knowledge in the areas of veterinary science, dairy nutrition and production management. Opportunities start with meeting and interacting with faculty in the Animal Science Department. The second and third day of the program will include discussions, hands-on learning and practicing of technical skills used by veterinarians, dairy nutritionists, and production management professionals in their daily activities. In addition to skill development you will have the opportunity to participate in farm-level analysis and research practices utilized by dairy professionals such as veterinarians, nutritionists, and herd managers. This program is a great opportunity for you to explore the vibrant dairy sector with a veterinarian and/or dairy nutritionist as a mentor. (Animal Science) Maximum number of students: 25

BIOMEDICAL ENGINEERING

WHERE LIFE & ENGINEERING MEET

Students in this program will have the chance to see and discuss how engineering principles are bound in biology and medicine and how they can be applied to create new medical therapies. The theme will be "The Heart of the Matter-Using Nature to Build a Better Heart." Students will rotate through stations led by PhD students where you will grow chick embryos outside the shell, learn how the environment affects cell behavior, identify different structures as they form including an inside look at the beating heart, learn how imaging technologies are used in medical research, how everyday materials are used in biology, and how three-dimensional printing can lead to custom built heart valve replacements. Come ready to learn and have a GREAT time! (Biomedical Engineering) Maximum number of students: 20

COMPUTER SCIENCE

COLLECTING & ANALYZING WATER QUALITY DATA

This program will explore the use of computational methods for monitoring the local watershed. Students will be introduced to basic techniques for collecting data and will develop programs for collecting, analyzing, and visualizing this data. The program will include a day in the field led by a local U.S. Geological Survey hydrologist. (Computer Science) Maximum number of students: 25

CROP & SOIL SCIENCES

THE SCIENCE BEHIND GOOD SOILS

Students will explore, firsthand, the fundamentals of laboratory techniques related to soil and tissue testing for determining soil health. Become a soil doctor and figure out what is good about your soil and what to prescribe to make soils more productive. You will get hands-on experience in the lab in soil and tissue testing procedures that involve accurate weighing, pipetting, and diluting of samples and measuring precisely and accurately the extracted nutrients on sophisticated state-of-the-art instrumentation. You are encouraged to bring soil from home. (Crop and Soil Sciences/Cornell Nutrient Analysis Laboratory). Maximum number of students: 10

EDUCATION

TOUCH A LIFE -- SHAPE THE FUTURE -- TEACH

We are 4-H, and all of us have interests in aspects of the broad topic of agriculture. Visit with Professor Perry as we explore corners of Cornell and work with green houses, food science, agronomy, and natural resource activities and how they connect to the importance and excitement of teaching. Opportunities for growth and development in education are explored in this program. (Education Studies and Teacher Preparation) Maximum number of students: 16

ENVIRONMENTAL ENG.: WASTE TO ENERGY

TURNING WASTES TO ENERGY

This program focuses on anaerobic digestion of organic wastes for methane production (a renewable energy source). Come find out how anaerobic digesters work and learn about some of the research being conducted in the Department of Biological and Environmental Engineering at Cornell. Students will build and test small-scale anaerobic digesters to convert cafeteria food waste to methane. A tour will be given of the Ithaca wastewater treatment plant downtown, where they currently use anaerobic digesters to power some of their facilities. (Biological & Environmental Engineering) Maximum number of students: 10

FIBER SCIENCE & APPAREL DESIGN

ACTIVEWEAR ADVANTAGE

Can what you wear make you a better athlete? Is high performance gear worth the price? Learn how special materials and innovative designs used in clothing for sports and exercise can boost your physical performance and keep you cool, warm, dry, safe, and comfortable. Learn how to select and care for these garments. (Fiber Science & Apparel Design) Maximum number of students: 14

FOOD SCIENCE: DNA FINGERPRINTING

FOOD SCIENCE & DNA

In this exploration, we will be using epidemiological and microbiological techniques that public health workers use to investigate foodborne disease outbreaks. Your mission will be to determine the source of a foodborne illness outbreak. You will learn about and use molecular techniques such as DNA fingerprinting to determine which food is contaminated. The workshop will provide you with a highly interactive experience to explore career options in food science, molecular biology, and DNA-based forensics investigation. (Food Science) Maximum number of students: 16

GEOSPACIAL SCI: EXPLORING GPS

FINDING YOUR FAVORITE PLACES USING GPS TECHNOLOGY

Find hidden treasure around campus, build scale model gliders equipped with remote sensing video cameras, and build your own 2-D models of the world around you! This workshop will introduce you to one of the hottest career tracks in the United States today! Learn the basics of Global Positioning System (GPS), Geographic Information Systems (GIS), and remote sensing through a combination of fun fieldwork, hands-on classroom activities, and computer lab experiences. We provide all the equipment you will need for this exciting adventure, and help you plan for community service-based mapping projects at home. This workshop is great preparation for leadership in the 2013 4-H National Youth Science Day experiment! Maximum number of students: 24

HUMAN DEV: THINK LIKE A SCIENTIST

THINKING LIKE A SCIENTIST

Can another person read your mind? Is high self-esteem as important as you think? Do stereotypes affect your academic performance, even without you being aware of it? Are compliments always a positive thing? These are the types of questions we explore in Thinking Like a Scientist. This program will help you learn how to answer tough questions about real life. You will be on the edge of your seat as we discuss hot topics you never learn about in school. Participation and activities are the best part! Come learn about the real world of science you never hear about in school – and prepare to be entertained. (Human Development) Maximum number of students: 25

HUMAN DEVELOPMENT: REDUCE THE RISK

GIST-ENHANCED REDUCING THE RISK

The Gist-Enhanced Reducing the Risk program is an evidence-based health & education program for high school students developed by Dr. Valerie Reyna. The program is split into two curricula based on the latest developments in research on adolescent memory and decision-making: (a) healthy eating & fitness and (b) reducing the risk in terms of lifestyle choices, STI prevention, and establishing healthy relationships. Participants in this NIH-funded program will help us test the new curriculum. Both groups will be given the opportunity to meet with experts in the field. The nutrition group will learn about potential career options, nutritional challenges, and the current obesity epidemic. The lifestyle group will meet with healthcare professionals at Cornell and discuss the greatest health challenges facing teens today. Students interested in pursuing research at a collegiate level will learn about the research process from beginning to end with our lab members who counsel students going into medical schools, law school, public health, and graduate schools in psychology. Students will be randomly assigned to one of the two tracks described (they will not have a choice). (Human Development) Maximum number of students: 40

INFO TECH: LIVE FROM CAREER EX!

LIVE FROM CAREER EX! DOCUMENTING THE EXPERIENCE WITH DIGITAL MEDIA

This session will make use of digital video, podcasts, tweets, and blogs to document the Career Explorations Conference as it happens. We'll interview participants, staff, and Cornell faculty, and make extensive use of technology tools to "broadcast" the conference to the world. (Cornell Cooperative Extension Administration Information Technology) Maximum number of students: 15

MECHANICAL ENGINEERING:**DISCOVER THE FRUIT OF THE CREATIVE PROCESS**

Look around you—nearly every object you see has been designed by a mechanical engineer. In this workshop, you will learn about the different aspects in this interesting field. You will get to visualize the aerodynamics of objects in a wind tunnel, find the ultimate strength of materials, build and launch rockets on Libe Slope, and more! (Mechanical Engineering) Maximum number of students: 18

MOLECULAR BIOLOGY & GENETICS**EMBRYONIC DEVELOPMENT**

RESEARCH ON MODEL ORGANISMS AND ITS APPLICATIONS IN PRENATAL DIAGNOSIS: All of us were once embryos, being shaped into babies inside the cozy environment provided by our moms. In this program, participants will get a peek at how the intermediate steps of this process look by dissecting chicken and mouse embryos at different embryonic stages. Participants will also analyze mutant mouse embryos that model human congenital malformations and will be introduced to some of the molecular biology techniques commonly used in genetic research. Through this program, you will learn how results from developmental biology studies are applied for the diagnosis of human birth defects and genetically inherited diseases. (Molecular Biology & Genetics) Maximum number of students: 10

NATURAL RESOURCES**FORESTRY, WILDLIFE & FISHERIES**

Faculty and staff from the Dept. of Natural Resources will lead participants on three field trips: stream organism sampling; a tour of Arnot Forest to see summer undergraduate intern projects; and a demonstration of the ongoing campus deer management program. You will capture aquatic insects and salamanders, participate in tree inventories, handle radio telemetry equipment, and see a demonstration of deer traps and dart guns. (Natural Resources) Maximum number of students: 18

NATURAL RESOURCES**NATURE & CULTURE**

This new program will examine the interactions between people, values, and natural resources. We will choose to explore some of the environmental issues of today such as global climate change, landscape transformation, endangered and invasive species, human alteration of biogeochemical cycles, “green” markets and other environmental strategies, environmental justice, bio-cultural and biological diversity, and international conservation (based on the interests of the group). Students will work in small groups to investigate one of these topics to understand the biological, ecological, ethical, and societal basis for biodiversity conservation, sound resource management, and/or sustainable development. There will be group sharing and discussion about what youth can do to make a difference in regard to these issues. (Natural Resources) Maximum number of students: 25

HORTICULTURE**PERMACULTURE**

So, you don't like to just sit in a classroom. Want to get your hands dirty while learning? Want to be inspired by questions such as, how does gardening and farming impact a community... and how can you make a difference? Our overall goal is to inspire you to think outside the “garden box,” learning about a whole new way of working with, not against, nature. This is what we call permaculture! In this workshop, we will keep you active and on your feet. We will pilot some gardening and permaculture activities to give you a solid grounding, and will include portions of our popular Youth Grow leadership training. Our hope is that through the experiences and field trips, we will put our money where our mouth is: not just talking about, but also demonstrating sustainability, improving how we work with the earth, helping build strong community relations, providing local and affordable food to people, and even impacting climate change. We may be able to partner with the Ithaca Children's Garden's permaculture youth camp this summer as well. (Horticulture) Maximum number of students: 15

VETERINARY SCIENCE**VETERINARY SCIENCE DISCOVERY**

Veterinary medicine is changing every day, and this is reflected in the wide range of animals that veterinarians care for and the treatments they employ. You will experience several aspects of veterinary medicine including small animal examination, dentistry, ophthalmology, pathology, and wildlife medicine. You will also learn about ruminant digestion and sample rumen fluid from a fistulated cow. Other topics featured will include radiology and a horse treadmill demonstration. (Veterinary Science) Maximum number of students: 30

FOCUS ASSISTANTS



“Being a Focus Assistant was fun – it helped me meet new people – and it felt great to lead a program that I love...”

FOCUS ASSISTANTS: Applicants must have participated in the event before. Applicants must demonstrate mature, responsible behavior, and they must be able to assume leadership responsibilities among teens and/or peers. In addition to submitting a 4-H Career Explorations registration form, applicants must complete a Focus Assistant application, which includes the name of a county Educator who will act as a reference (the educator will be contacted after all of your materials have been submitted). One or two Focus Assistants will be selected for each Focus program. It is not necessary, but is acceptable, for Focus Assistant applicants to be a part of the program they attended last year. **Focus Assistants are required to arrive a day early for training.** The State 4-H Office will cover early arrival costs and chaperoning for Focus Assistants.

FOCUS ASSISTANT RESPONSIBILITIES:

- * Participate fully in Focus for Teens program.
- * Serve as responsible and mature role models for 4-H Career Exploration participants.
- * Help to ensure that the 4-H Career Exploration program runs smoothly.
- * Meet and greet Career Exploration participants as they arrive on campus.
- * Gather assigned Focus group and lead roll call.
- * Relay information to FA chaperones and program coordinators.
- * Walk participants to assigned program area.
- * Assist in the setup and running of assigned department programs.
- * Help with evening activities and the closing assembly, and assist with setup, sign posting, and other details.
- * Attend evening evaluation meetings with other FAs and FA chaperones to discuss issues, concerns and special duties for the next day.
- * Provide assistance to participants throughout the duration of the program.

FOCUS ASSISTANT TRAINING:

Focus Assistants must be on campus by 11am, Monday, June 24, for the Focus Assistant Orientation on campus. Focus Assistants will stay on campus Monday night – the State 4-H Office will cover meals and additional lodging costs for their early arrival.

Cornell Cooperative Extension is an equal opportunity, affirmative action educator and employer.

“4-H AND SCIENCE WILL AMAZE YOU”



FIND OUT HOW AT NYS4H.CCE.CORNELL.EDU

NYS 4-H IS THE YOUTH DEVELOPMENT PROGRAM OF
THE CORNELL COOPERATIVE EXTENSION SYSTEM

JOIN | THE REVOLUTION 
OF RESPONSIBILITY



Cornell University
Cooperative Extension



202 Beebe Hall • Cornell University
Ithaca, NY 14853

Web: nys4h.cce.cornell.edu
Phone: 607-255-0896

2013 4-H CAREER EXPLORATIONS REGISTRATION FORM

REGULAR REGISTRATION

Name _____ County _____

Address _____

City _____ State _____ Zip _____

(_____) _____ (_____) _____
Home Phone Cell Phone

Email Address (required) _____ Years in 4-H _____

Submitting Scholarship Application Submitting Focus Assistant Application

Please check all that apply:

Submitted on-line app. (for county use only)

Youth Participant
_____ Grade entering in Fall

Chaperone

Staff Member/Chaperone

Male

Female

T-Shirt Size _____

EMERGENCY /SPECIAL NEEDS INFORMATION

Special Dietary Needs Yes No

Accessibility Needs Yes No

Medical Needs Yes No

Designated Chaperone Need Yes No

Medical needs such as allergies and conditions such as diabetes, behavioral issues, etc. are critical to include in the database so chaperones have the information.

If you answered yes to any of these questions, please provide a brief explanation below:

Emergency Contact Name _____

Relationship _____

Emergency Phone - Day _____ Emergency Phone - Evening _____

Parent or Guardian's Workplace _____

Work phone _____ I am requesting to room with: _____

****Note to Counties:** All information from this registration form must be completed in the online registration database. This hard copy is for county use only.

EARLY ARRIVAL / LATE DEPARTURE

Please indicate need for early/late accommodation. Requests can be made on the online registration form. This is to avoid any accidental registrations/charges for early arrival/late departure. Note costs:
Overnight: Double - \$27, Single - \$34 Breakfast: \$7.56 Lunch: \$10.77 Dinner: \$14.12

Extra nights accommodation needed _____ Extra meals needed _____

FOCUS FOR TEENS PROGRAM CHOICES

FOCUS FOR TEENS ONLY: (Youth grades 10-12, or members who have attended UU before) – Indicate 1st, 2nd, and 3rd choices (see program selections on Page 2 & descriptions in the Program Facts).

1	2	3
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*University U participates will be randomly placed in a group and visit six different workshops.

PROGRAM POLICIES

- Participants will be assigned a double occupancy room. Disruptive participants' parents will be notified and participants will be sent home.
- Participants are responsible for any damages that occur to the room during their stay. Cancellations after June 10 will be billed a cancellation fee.
- Any disturbance or emergencies should be reported to a chaperone. Youth substitutes of the same gender and participation in the same program will be accepted after the June 11th deadline. Alcohol and drug use is strictly prohibited.
- Participants must be in the dormitory by 10:00 p.m., lights out at 11:15 p.m. Photos taken during the program may be used to promote 4-H Youth Development. 4-H appropriate clothing required at all times.

PROGRAM SELECTION INFORMATION

PROGRAM CHOICES FOR FOCUS FOR TEENS (GRADES 10-12)

An Sci: Horses	Geospatial Sci: Exploring GPS
An Sci: Dairy	Human Dev.: Reducing the Risk
Astronomy: Exploring the Solar System	Human Dev.: Thinking Like a Scientist
Biomedical Eng.: Life & Eng.	Info. Tech.: Live From Career Ex!
Computer Science	Mechanical Eng: Discover the Fruit of Creative Process
Crop & Soil Sciences: The Science behind Good Soils	Molecular Biology & Genetics: Embryonic Development
Education: Touch a Life, Shape the Future	Natural Resources: Forestry, Wildlife, & Fisheries
Environmental Eng.: Waste to Energy	Natural Resources: Nature & Culture
Fiber Science & Apparel Design: Activewear Advantage	Plant Science
Food Science : DNA Fingerprinting	Vet Science: Discovery

COSTS AND FEE SCHEDULE

Total cost for registrant:

\$215 (participant fee) + _____ (early arrival or late departure fees) = _____

NOTE: THIS AMOUNT WILL BE CHARGED TO THE CCE ASSOCIATION ACCOUNT.

2013 4-H CAREER EXPLORATIONS FACT SHEET for Chaperones and Participants

Chaperone and Participant Orientation:

The Delegate Handbook will be available online, <http://sp.nys4h.cce.cornell.edu/events/Pages/CareerEx.aspx>, by early June. Last year's handbook is up as a reference tool. All chaperones and participants should review this handbook prior to coming to Career Explorations. We strongly encourage you to hold an orientation meeting to go over all information with your delegates.

Onsite Registration:

Registration for all programs will take place on Tuesday, June 25 from 10:00 a.m. to 12:30 p.m. There are lots of great things to do and see on campus should you arrive early. The delegate handbook will include a listing.

General 4-H Career Exploration Program Policies:

- ✓ Most teens will be assigned a double-occupancy room and *cannot switch rooms*.
- ✓ Roommates requested on registration forms will be assigned when possible.
- ✓ Participants are responsible for damages that occur to the room during their stay.
- ✓ Any disturbances or emergencies should be reported to a chaperone.
- ✓ Alcohol and drug use are strictly prohibited.
- ✓ Parents of disruptive participants will be notified and participants will be sent home at parents' expense.
- ✓ Participants must be in the dormitory by 10:00 p.m.
- ✓ Lights out at 11:15 p.m.
- ✓ Photos taken during the program may be used to promote 4-H Youth Development.
- ✓ **4-H appropriate clothing** is required at all times. This means modest covering shirts, skirts, shorts, and pants. No rude or vulgar language or pictures on clothing. Youth dressing inappropriately will be asked to change.

Dormitory Housing:

- Chaperones should check rooms upon arrival, noting damages or defective appliances.
- Please use hair dryers in the bathrooms only.
- Linens are provided with rooms including sheets, pillow and pillowcase, one blanket, one towel, one washcloth, and soap. Participants will be asked to make their own beds.
- Participants will have to supply their own towel for the pool.
- Participants may want to bring an alarm clock and a fan.
- If there are problems with the rooms (i.e. light bulbs burnt out), contact staff immediately so that problem can be resolved or noted.
- Youth need to be careful not to lock themselves out of their dorm rooms. Doors close and lock automatically.

Telephones:

There are no longer phones in the dorm rooms. Cell phones are not to be on for calls or texting during program times.

Free Time/Recreation:

Some participants may wish to arrive early to meet with Cornell admissions and/or tour the Cornell campus. (Assistance in arranging tours is available – see handbook.) During evening free time on Tuesday night, there will be time for the use of the Helen Newman Hall pool and bowling lanes. On Wednesday there will be several options for recreation including: a movie, dance, swimming and bowling. During free time activities, chaperones will be assigned to one of the free time activities. If you so choose, you may bring items such as Frisbees, soccer balls, footballs, etc. to use during free time outside on the quad as there is plenty of space for

outdoors activities. At this time the College of Agriculture & Life Sciences and College of Human Ecology will have staff from admissions available for youth to speak with on Wednesday evening. If county participants choose to not attend a featured activity, they must be accompanied by an adult chaperone.

Emergencies:

During the day (8:00 a.m. - 4:30 p.m.) the **emergency phone number** for families is (607) 255-0896. The evening number (after 5:00 p.m.) will be provided at a later date. These numbers should be given to participants before they leave home so families have it. Note that this is not a switchboard to reach teens...these are emergency numbers. Chaperones will receive a list of campus emergency numbers during orientation.

Behavior:

All chaperones and participants are expected to model appropriate behavior and follow guidelines stated on the 4-H Career Exploration registration form. All youth and chaperones should demonstrate sensitivity and respect for the rights of all regardless of the individuals' race, sex, religion and cultural background. In addition, all Cornell property and Cornell program presenters should be treated respectfully.

Please Note:

- Chaperones will have the authority to make decisions in the absence of a County 4-H Educator.
- Chaperones will be expected to intervene in any situation that violates the rules of the event or the basic rights of others. **This includes youth from other counties.** Any problems with youth from other counties should be dealt with immediately and then reported to the appropriate chaperones or Nancy Schaff, Career Exploration Coordinator.

Curfew:

Each year there are misunderstandings among chaperones and teens about the time and duration of the curfew. In an effort to clear up the gray areas, please follow this schedule:

10:00 p.m.	4-H Career Exploration programs end.
10:00 - 11:00 p.m.	Every one inside dorms - County Meetings
11:15 p.m.	Settled in assigned rooms and LIGHTS OUT!

Safety:

Even though Cornell has a rather tranquil setting, be assured that serious crimes can and do occur along its pleasant footpaths. Please instruct teens:

- Never to walk alone, especially after dark.
- Dorm doors should be locked at all times.
- Under no circumstances should teens leave the dorm at night.
- The Safety Division's (Cornell police) phone number is 255-1111.

Campus Transportation:

A 4-H Focus Assistant or chaperones will escort participants to their program or bus pickup every morning. Be on time and prepared to **walk** to your program destinations. Program gathering times will be listed in the Delegate Handbook within the itineraries for each specific program. Please be aware departure times may vary for specific programs. If there are special transportation needs, please be sure to notify Nancy Schaff in advance of the 4-H Career Explorations Conference. Walking is a part of the college experience at a large world-class university like Cornell. Enjoy the beautiful campus and get some healthy exercise - so **wear sneakers or comfortable walking shoes!**