NSF Science and Technology Centers
Tribal Initiatives Summer Undergraduate Research Internship Experience

Application Deadline: February 28, 2015
Available to US Citizens who identify as Native American/Native Hawaiian/Alaskan Native

Please send all materials by e-mail to Vanessa Green greenva@ohsu.edu
Or through postal mail to: Vanessa Green
Director of Student Development and Diversity
Institute of Environmental Health
Oregon Health & Science University
Mail Code HRC3
3181 SW Sam Jackson Park Road
Portland, OR 97239-3098

Contact Information:

Last Name ___________________________ First Name ___________________________ Middle Initial ___________________________

E-Mail Address __________________________________________ Telephone Number ___________________________

________________________________________________________

Current Address __________________________________________

Permanent Address __________________________________________

Personal Information:

Gender: Female Male Other

Birthdate (MM/DD/YYYY): ___________________________

___ Native American/Alaskan Native: Tribal Affiliation(s): _____________________________
Other Ethnicities? (Check all that apply)

__ African-American/Black    __ Pacific Islander    __ Mexican American/Chicano
__ Caucasian/White          __ Latino/Hispanic    __ Asian-American
__ Other (please specify) _________________________________ __ Would prefer not to disclose

Undergraduate Institution(s): _______________________________________________________

Undergraduate Major and Degree Expected (e.g., B.S. Geology) _________________________________

Projected Graduation Date (e.g., May 2016): ___________________________________________

GPA (through Fall 2014): __________________________________________________________

Which NSF Science and Technology Center most interests you? Please rank your preferences below:

_____ The Center for Coastal Margin Observation and Prediction (CMOP) www.stccmop.org
Oregon Health & Science University, Portland, Oregon
Mission: To create a new paradigm for coastal margin science which is anticipatory rather than reactive and is based on an information-rich environment where sensors, models and people all generate and freely share information.

_____ The Center for Remote Sensing of Ice Sheets (CReSIS) www.cresis.ku.edu
University of Kansas, Lawrence, Kansas
Mission: To develop new technologies and computer models to measure and predict the response of sea level change to the mass balance of ice sheets in Greenland and Antarctica.

_____ Center for Microbial Oceanography: Research and Education (C-MORE)
www.cmore.soest.hawaii.edu University of Hawaii Manoa, Honolulu, Hawaii
Mission: To facilitate a more comprehensive understanding of the diverse assemblages of microorganisms in the sea, ranging from the genetic basis of marine microbial biogeochemistry including the metabolic regulation and environmental controls of gene expression, to the processes that underpin the fluxes of carbon, related bioelements and energy in the marine environment.

_____ Center for Layered Polymeric Systems (CLiPS) www.stc-clips.org
Case Western Reserve University, Cleveland, Ohio
Mission: To pursue an integrated program of research, innovation, and education through the vehicle of a unique multilayering process technology at Case Western Reserve University.

_____ Center for Dark Energy Biosphere Investigations (C-DEBI) www.darkenergybiosphere.org
University of Southern California, Los Angeles, California
Mission: To explore life beneath the seafloor and make transformative discoveries that advance science, benefit society, and inspire people of all ages and origins. 2015 projects will focus on groundwater hydrology.

_____ Center for Science of Information (CSoI) www.soihub.org
Purdue University, West Lafayette, Indiana
Mission: To advance science and technology through a new quantitative understanding of the representation, communication, and processing of information in biological, physical, social, and engineered systems.

_____ Center for Integrated Quantum Materials (CIQM) www.ciqm.harvard.edu/
Harvard University, Cambridge Massachusetts
Mission: The Center hosts research and education programs that explore the unique electronic behavior of quantum materials, including graphene, topological insulators, and nitrogen-vacancy (NV) center diamond, with the goal of achieving new breakthroughs in electronics, photonics, and computing.
How did you hear about this research opportunity? (Indicate all that apply):

__ E-mail/Listserv
__ Conference Which one? ________________________
__ Faculty/Advisor/Mentor or Counselor Who? ____________
__ Campus Organization Which one? ________________________
__ Magazine/Journal Publication Which one? ________________________
__ School Visit/Career Fair ____________
__ CMOP Website Other website ________________________
__ National Science Foundation ____________
__ Friend/Peer ____________
__ Web Search Engine ____________
__ Social Media ____________
__ Other ________________________

What is your ultimate educational objective? (indicate one):

__ Bachelors
__ Masters
__ Ph.D.
__ Not sure
__ Other ________________________

If planning to go to graduate school, where do you plan to apply?

________________________________________________
________________________________________________
________________________________________________

What is your career objective? Check all that apply.

__ Academia
__ Research
__ Government
__ Military
__ Industry (private business)
__ Non-Profit
__ K-12 education
__ Not Sure
__ Other