SOURCE 2015 AWARDS

SOURCE 2015 SCHOLAR OF THE YEAR AWARD:
Nominees in alphabetical order:

- Jenna Adams
- Melanie Bell
- Christopher Bertomeu
- Anthony Braun
- Clarissa Gerke
- Olivia Hirschey
- Daniel Jager
- Dorothy Moore
- Uyen Nguyen
- Peter Rampa
- James Siegenthaler
- Michael Smith
- Janelle Wylie

UNDERGRADUATE SCHOLAR OF THE YEAR: Grant Clifton; nominated by Lori Sheeran
GRADUATE SCHOLAR OF THE YEAR: Kevin Delano; nominated by Jeffrey Lee

SOURCE 2015 MENTOR OF THE YEAR AWARD
Nominees in alphabetical order:

- Matthew Altman
- Tracy Andrews
- Roger Beardsley
- Tishra Beeson
- Gayla Blaisdell
- Terri Brown
- Lucinda Carnell
- Stephen Chamberland
- Anne Cubílié
- Blaise Dondji
- Kristina Ernest
- Jesse James
- Susan Lonborg
- Patrick Lubinski
- Patrick McCutcheon
- Holly Pinkart
- Lori Sheeran
- Gabrielle Stryker

UNDERGRADUATE FACULTY MENTOR OF THE YEAR: Dominic Klyve, Mathematics and Douglas Honors College; nominated by Olivia Hirschey
GRADUATE FACULTY MENTOR OF THE YEAR: Dion Rivera, Chemistry; nominated by James Siegenthaler

2015 BUSINESS PLAN COMPETITION

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<td>Daniel Marino</td>
<td>Coco Wu</td>
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<td>Bare Hand Learning Resources</td>
<td>Kimberly Hager; Christopher Phillips Galya Schuster</td>
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<td>Sales Seekers</td>
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<td>David Douglas &amp; Dwayne Douglas</td>
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DOUGLAS HONORS COLLEGE BEST PRESENTATION AWARD

The Missing Meditatio: Leonhard Euler’s (1707-1783) Contribution to Articulatory Phonetics
Hirschey, Olivia
Mentor(s): Dominic Klyve, Mathematics and Douglas Honors College

CREATIVE EXPRESSION BEST PRESENTATION AWARDS

Wes Anderson and Mise-en-scene
Catlin, Evan
Mentor(s): Melissa Johnson, Film and Video Studies

Feast Your Eyes: Performances in American Sign Language
Erland, Sarah
Mentor: Jer Loudenback, World Languages
CREATIVE EXPRESSION BEST PRESENTATION AWARDS CONT’D

Concert Performance of Variations on a Five-Note Theme by Russell Garcia
Jarvis, Mary; Brisk, Clarissa; Green, Rosie; Hansen, Jarrett; Hawthorne, Sierra; Henkle, Jessica; Mortensen, Sophie; Moss, Logan; Nash, Katherine; Osborne, Madeline; Phipps, Madison; Smith, Naomi; Stephenson, Hayley
Mentor(s): Jeffrey Snedeker, Music

Dualities
Turner, Marie
Mentor(s): Therese Young, Physical Education, School and Public Public Health, Dance Program

CREATIVE WORKS BEST PRESENTATION AWARDS

The Subtleties of Soda
Bury, Amanda; Charles, Noah
Mentor(s): Stephen Robison, Art

FASHION SHOW BEST DESIGN AWARD

After Death
Johnson, D’ondre
Mentor(s): Andrea Eklund, Apparel, Textiles and Merchandising

COLLEGE OF ARTS & HUMANITIES BEST ORAL PRESENTATION AWARDS

Your Home Matters
Freeman, Madalyn; Peone, Masey; Stewart, Robyn; Downing, Aubree; Caoili, Silver
Mentor(s): Elizabeth Kerns, Communication/Public Relations

Like Something Out of Stephen King
Tranchell, T.J.
Mentor(s): Liahna Armstrong, English

The Intermingling of Art and Science
Willard, Alyssa
Mentor(s): Stephen Robison, Art; Anne Cubilié, Douglas Honors College

COLLEGE OF THE SCIENCES BEST ORAL PRESENTATION AWARDS

The Role of Magma Mixing in the 1968-2010 Eruption of Arenal Volcano, Costa Rica: Insights from Modelling of the Magma Chamber
Adams, Jenna; Streck, Martin; Spera, Frank
Mentor(s): Wendy Bohrson, Geological Sciences

Exercise Motivations of Older Adults
Attaway, Laura
Mentor(s): Jeff Penick, Psychology

“Look at Me, I Am the Captain Now": Media Representations of Somalis and Their Implications
Mohamed, Saeed; Lemkus, Clint
Mentor(s): Lene Pedersen, Anthropology & Museum Studies
The Genetic and Epigenetic Basis of Trichome Production in Yellow Monkeyflower (*Mimulus guttatus*)

**Neuffer, Sam**  
*Mentor(s): Alison Scoville, Biological Sciences*

Studies on the Mechanisms of Forced Transport of Dye through Solution Modifications to a Polymerized Surface

**Siegenthaler, James**  
*Mentor(s): Dion Rivera, Chemistry*

Investigating Rigidity Properties and Atomic Content of Proteins

**Walling, Christian**  
*Mentor(s): Filip Jagodzinski, Computer Science*

How Social Factors Limit American Access to Abortion

**Weishaar, Cheyenne**  
*Mentor(s): Judith Hennessy, Sociology; Dominic Klyve, Mathematics; Anne Cubilié, Women's and Gender Studies, Douglas Honors College*

CONSTRUCTED OBJECTS BEST PRESENTATION AWARDS

Victair Mistifier Gearbox

**Bruno, Gabe; McFarlen, Casey; Skinner, Rick**  
*Mentor(s): Charles Pringle, Engineering Technologies, Safety, & Construction*

A Composite Brake Rotor Assembly by Utilizing Replaceable Friction Surfaces

**Evert, John**  
*Mentor(s): Charles Pringle, Engineering Technologies, Safety, & Construction*

RetroPie Gaming System

**McKittrick, Micah**  
*Mentor(s): Lad Holden, Engineering Technologies, Safety, & Construction*

COLLEGE OF EDUCATION & PROFESSIONAL STUDIES BEST POSTER PRESENTATION AWARDS

Nutrient Intake of Elite Canadian and American Athletes with Spinal Cord Injury

**Gerrish, Heather**  
*Mentor(s): Kelly Pritchett, Nutrition, Exercise & Health Science; Dana Ogan, Nutrition, Exercise and Health Science; Robert Pritchett, Nutrition, Exercise and Health Science*

Konjac Glucomannan as an Effective Fiber Additive in Gluten-Free Scones

**Skala, Philip; Allen, Ian; Sykes, Elijah**  
*Mentor(s): David Gee, Nutrition, Exercise & Health Science*

COLLEGE OF THE SCIENCES BEST POSTER PRESENTATION AWARDS

Factoring Climate Change Into Recreation Investment Decisions: Evidence From Hatchers Pass, Alaska

**Blair, Logan**  
*Mentor(s): Jennifer Lipton, Geography*
Obsidian Hydration Dating of Obsidian Lithic Fragments from the Grissom Site (45KT301)
**Burris, Daniel**
Mentor(s): Patrick McCutcheon, Anthropology & Museum Studies

Comparison of Radiometric Dating Techniques: Pacific Northwest
**Brown, James**
Mentor(s): Steven Hackenberger, Anthropology & Museum Studies; Patrick McCutcheon, Anthropology & Museum Studies

Leadership in the Collective Movements of Tibetan Macaques (*Macaca thibetana*) at Mt. Huangshan, China
**Fratellone, Gregory; Sun, Lixing; Sheeran, Lori K.; Wagner, R. Steven; Li, Jinhua**
Mentor(s): Lixing Sun, Biological Sciences

The Relationship Between Gender and Perceived Stress Levels in College Students
**Gilbert, Meghan**
Mentor(s): Jesse James, Psychology

Tracking Molecular Motors Along Microtubules
**Griffin, Daniel**
Mentor(s): Erin Craig, Physics

Investigating the Correlation Between Inclination of Coronal Loops and Solar Flare Activity
**Mann, John-Paul**
Mentor(s): Darci Snowden, Physics

Fluid Release from Eclogite and Its Implications: North Qaidam Ultrahigh-Pressure Terrane, Western China
**Meyer, Jake**
Mentor(s): Chris Mattinson, Geological Sciences

Effects of Excess Testosterone on 129S1 Mouse Adipose Tissues
**Nelson, Raegan; Yeung, Howard**
Mentor(s): April Binder, Biological Sciences

Student Use of Internet Video Lectures in Physics
**Penoyar, Patrick**
Mentor(s): Bruce Palmquist, Physics, Science Education

The Effectiveness of New Age Instruction
**Purcell, Brandon**
Mentor(s): Ian Quitadamo, Science Education

An Analysis on the Effects of Burn Severity on Organic Matter in the Snag Canyon Fire
**Pygott, Hannah; Mueller, Kelsey**
Mentor(s): Clay Arango, Environmental Studies

Downtown Ellensburg and Surrounding Residential Areas
**Richards, Anita; Kempf, Daniel; Ellingsen, Keanna; Mayfield, Daija; Wolitarsky, Myrinda**
Mentor(s): Tim Melbourne, Geological Sciences; Anne Egger, Geological Sciences; Pamela McMullin-Messier, Sociology
The Port of Liuzhou: Problems and Prospects
*Wang, Xifang*
Mentor(s): Rex Wirth, Political Science

Synthesis and Testing of Possible Antimicrobial Agents from Breakdown Products of Lasalocid A
*Wilson, Parker; Handley, Alex; Baluca, Diana*
Mentor(s): P. Whitney Swain, Chemistry

PEOPLE’S CHOICE: BEST POSTER PRESENTATION AWARDS

Solar Evaporative Air Handler
*Budnick, Sam; Dickson, Jeremy; Kluever, Kyle; Porter, Kevin*
Mentor(s): Charles Pringle, Engineering Technologies, Safety, & Construction

Vivido Déesse
*Eklund, Andrea*
Family and Consumer Sciences

Measured Laser Frequencies from the Optically Pumped Methanol Isotopologue $^{13}$CD$_3$OD
*Freeman, Benjamin*
Mentor(s): Michael Jackson, Physics

UNIVERSITY CENTERS BEST POSTER PRESENTATION AWARD

Effects of Temporary Agencies on Poverty Change
*Ulrich-Strickland, Russell*
Mentor(s): Michael Mulcahy, Sociology

MIDDLE SCHOOL BEST POSTER PRESENTATION AWARD

Fly Away … Bird Seed in Cle Elum, Washington
Middle School Field Investigations
*Walter Strom Middle School Students: Whitemarsch, Morgan; Nass, Marissa; Towne, Jacob*
Mentor(s): Trish Griswold, Walter Strom Middle School