Scholars of the Year (winners of the James and Katie Gaudino Source Award)

Patience Collier, nominated by Brian Carroll (History)
Braden Goveia, nominated by Nathalie Kasselis (World Languages) and Cynthia Coe (Philosophy and Religious Studies)

Nominees for Scholars of the Year

<table>
<thead>
<tr>
<th>Taggart Butterfield</th>
<th>Braden Goveia</th>
<th>Uyen Nguyen</th>
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<tbody>
<tr>
<td>Patience Collier</td>
<td>Savannah Isbey</td>
<td>Kyle Scott</td>
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<tr>
<td>Heather Gerrish</td>
<td>Tanner Mickelson</td>
<td>Peter Zencak</td>
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</tbody>
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Mentor of the Year (award sponsored by the United Faculty of Central)

Gabrielle Stryker, Biological Sciences, nominated by Uyen Nguyen, Krista Banda, and Naomi Bryant

Nominees for Mentor of the Year

<table>
<thead>
<tr>
<th>Maya Chachava</th>
<th>Ralf Greenwald</th>
<th>Gabrielle Stryker</th>
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<tr>
<td>Blaise Dondji</td>
<td>Steve Hackenberger</td>
<td>Nadene Vevea</td>
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<tr>
<td>Marte Fallshore</td>
<td>Jessica Mayhew</td>
<td>Megan Walsh</td>
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<td>Kara Gabriel</td>
<td>Meaghan Nolte</td>
<td>Rex Wirth</td>
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<td>Gilberto Garcia</td>
<td>Paulus Pimomo</td>
<td>Therese Young</td>
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<tr>
<td>David Gee</td>
<td>Mark Samples</td>
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</tbody>
</table>

Business Plan Competition Winners

1st Crunch-Time Sydney Edmunson and Ivan Villarreal
2nd Fire Kevin Kalb
3rd Auto Med Sy Danton

Douglas Honors College Outstanding Presentation

Communicating seismic hazards to the Ellensburg community Eamonn Clarke
Mentor: Christina Denison

Fashion Show Outstanding Presentations

Ochre Earth Tina Beamon
The Jungle Book Jesse Leaupepe
Mentor: Andrea Eklund
### Constructed Objects Outstanding Presentations

- **Electric-powered tree pruner**
  *Erich Heilman, Thomas Wilson, Daniel Gibson*
  Mentor: Charles Pringle

- **Dynamometer Stabilizer**
  *Derek LaMarche*
  Mentor: Charles Pringle

- **Using negative feedback in a tube amplifier**
  *Jed Callarman*
  Mentor: Christopher Hobbs

- **Automated Core Feeder System**
  *Sergio Flores Valdez*
  Mentor: Roger Beardsley

### Creative Expression/Creative Works Outstanding Presentations

- **The Nature of Our Nature**
  *Krista Zimmerman*
  Mentor: Maya Chachava

- **Collage**
  *Shay LaPierre*
  Mentor: Melissa Johnson

- **Love Transcends**
  *Ryan Anderson*
  Mentor: Geraldine O'Mahony

- **Jack of All Trades**
  *Sabrina Juhl*
  Mentor: Hal Ott

- **Life, After: A Dance Requiem**
  *Krista Connelly*
  Mentor: Therese Young

- **Manastash works**
  *Ryan Bailey, Kaitlyn Voeller, Grace Lindsley*
  Mentor: Xavier Cavazos

### Outstanding Oral Presentations

- **Developing a worm model to study effects of serotonin selective reuptake inhibitors on behavior**
  *Tykayah Baird*
  Mentor: Lucinda Carnell

- **Seasonal Differences in the Intestinal Parasites of the Saddleback Tamarin (Saguinus weddelli)**
  *Krista Banda, Gideon Erkenswick, Mrinalini Erkenswick Watsa*
  Mentor: Gabrielle Stryker

- **Seasonal Microhabitat Selection of Young-of-the-year Bull Trout, Salvelinus confluentus, in a Drought Year**
  *Ashton Bunce*
  Mentor: Paul James
The Stop and a Warrant: Which Comes First? Utah v. Strieff
  **Katie Carnell**  Mentor: Teresa Divine

Rethinking the rainbow: Utilizing a classic pH demo for ocean acidification education
  **Eamonn Clarke**  Mentor: Tim Sorey

Differences in College Students' Attitudes towards Heterosexual and LGBT Homeless Youth
  **Jonathan Clinkenbeard**  Mentor: Susan Lonborg

Fish Heads and Fishing Strikes: Cultural and Economic Agency of Native Women in Northwest Salmon Canneries
  **Patience Collier**  Mentor: Brian Carroll

Recruitment Policies For Latino College Students
  **Deysi Contreras**  Mentor: Gilberto Garcia

Use of alcohol among college students: Do student athletes at CWU drink more than non-student athletes?
  **Kelly Cronic**  Mentor: Jill Hoxmeier

Trade and Tourism in Aphra Behn's Oroonoko
  **Anne Dennon**  Mentor: Paulus Pimomo

Expression of Claudin Genes in Polycystic Ovarian Syndrome
  **Sean Gadson**  Mentor: April Binder

La Familia Latina and Mass Incarceration
  **Ashley Garcia**  Mentor: Chuck Reasons

Identification of proteins that interact with neocortical arealization factor Emx2
  **Cody Gillman**  Mentor: Todd Kroll

Cyber Security Awareness
  **Toni Hunt**  Mentor: Jackson Muhirwe

Engaged Buddhism and a Universal Climate Change Ethic
  **James King**  Mentors: Mark Auslander, Jeffrey Dippman

Reminiscence de l'enfance et de la nature chez Prévert, Pagnol, et Proust
  *(Reminiscence of childhood and nature in Prévert, Pagnol, and Proust)*
  **Robert Koffler, Alexius Schleif**  Mentor: Nathalie Kasselis

Multicultural and Trapped
  **Sayana Lombard-Chappell**  Mentor: Raymond Hall

Motivational Theory and its applicability in real world experiences
  **Alexander Mathison, Omar Freemire, Thomas Lenell**  Mentor: Amber Johnson

Trypanosoma cruzi: Vectors, parasite strains, and hosts within the dry tropical forest in Jalisco, Mexico
  **Uyen Nguyen, Dan Beck, Analiese Wenger**  Mentor: Gabrielle Stryker

The Work of a Nepantlera: Moving Away From Patriarchal Paradigms in the Work of Ana Castillo
  **Amanda Patrick**  Mentor: Christine Sutphin
Two Holocene sagebrush-steppe fire records at the wildland-urban interface, eastern Cascades, WA  
**Dusty Pilkington**  
Mentor: Megan Walsh

Destroying Christian Masculinity: On Sarah Kane’s *Blasted*  
**Elba Sanchez**  
Mentor: Jay Ball

Apples to Apples: How the Washington apple industry took control of the national apple market between 1950 and 1960  
**Kyle Scott**  
Mentor: Marji Morgan

Carbohydrate Mouth Rinse and High Intensity Intermittent Exercise  
**Garet Simpson**  
Mentor: Kelly Pritchett, Robert Pritchett

Using ESRI Story Maps to Present Spatio-Temporal Information  
**Trinity Turner**  
Mentor: Robert Hickey

Ellensburg Weather: A Time-Series Forecasting Model  
**Madelyne Weber**  
Mentor: Dominic Klyve, Kathryn Temple

### Outstanding Poster Presentations

Vietnam Dehumanization  
**Joseph Bauer, Drew Houghton, Brent Evans, Chris Meyers, Camrin Johnson**  
Mentor: Rex Wirth

Central Washington University 2015 Cultural Resource Management Archaeological Field School on Washington Department of Fish and Wildlife Lands  
**David Davis, Jennifer Calabro-Pecora, Maxim Morton**  
Mentors: Patrick McCutcheon, Patrick Lubinski

Emulsified Mint Cod Liver Oil is an Acceptable Source of Vitamin D in Boxed Brownies  
**Anna Eide, Katelyn Newkirk, Hannah Hugo**  
Mentor: David Gee

Visitor Effects on Chimpanzee (*Pan troglodytes*) Behavior at Chimpanzee Sanctuary Northwest, Washington, US  
**Allison Farley**  
Mentor: Lori Sheeran

Enclosure use by a singly-housed spider monkey (*Ateles fusciceps*)  
**Jake Funkhouser**  
Mentor: Jessica Mayhew

High Altitude Balloon Observations and Measurements During the 2017 Total Solar Eclipse  
**AJ Harpring**  
Mentor: Darci Snowden

Foodborne Illness: *Salmonella Heidelberg* Causes Multistate Outbreak in the United States  
**Yarizel Herrera**  
Mentor: Tishra Beeson

One-shot access to allylic morpholinonates by annelation of 1,3-azadienes with diglycolic anhydride  
**Lindsey Kotlarz**  
Mentor: Timothy Beng

Heating a home using compost  
**Val Lodholm**  
Mentor: Vanessa Hunt
Method Development for the Simultaneous Detection and Quantification of Organic Acids in Juices and Wines  
**Collin Meharg**  
Mentor: Anne Johansen

The effects of animal environments on perception and the relationship to environmental conservation  
**Carolina Montenegro**  
Mentor: Kara Gabriel

The Effect of Scent on Sleep-dependent Memory Consolidation  
**Jenny Pham, Brandi Forgey, Alisyn Cundiff**  
Mentor: Jesse James

Political and Personal Self-efficacy and Engagement in Activist Behaviors  
**Jenny Pham**  
Mentor: Sarah Samblanet

American Exceptionalism and the Vietnam War  
**Josh Sanders**  
Mentor: Rex Wirth

Bull Kelp Distribution in Northern Puget Sound, 1870-2000  
**Luke Stilwater**  
Mentor: Anthony Gabriel

Does diversity within top management teams lead to a better performance for multinational firms?  
**Myles Wesener**  
Mentor: James Avey

Fender’s Built-to-Order strategy  
**Jacob West-Ugartechea, Larry Thompson, Joshua Reichert**  
Mentor: Kun Liao

People’s Choice Poster Awards

The Effects of Racial Microaggressions on Minority Students  
**Taylor Adams, Katy Mendoza, Daisi Mendez, Tanya Zambrano**  
Mentor: Arthur Manjarrez

Paper Airplane Building Machine  
**Abdullah Alshahrani, Hassan Bujayli, Abdullah Al Dakhail**  
Mentor: Charles Pringle

The Effects of Phthalate Exposure on the Neuroblastoma 2A Cell Line  
**Natalie Bergstrom, Hannah Dowdell, Veronica Hernandez**  
Mentor: Lucinda Carnell

Real Time Robotics Transfer Protocol  
**Tanner Mickelson, David Rigby, Michael Githinji, Brennan Radich, Tyler Swan**  
Mentor: Fabio Guerinoni

Middle School Presentation Award

How far does sound travel in the open and in the forest?  
**Jacob Isatolo, Dylan Cook**  
Mentor: Trish Griswold