

# SOURCE 2014 AWARDS

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## SOURCE 2014 SCHOLAR OF THE YEAR AWARD:

### Nominees in alphabetical order:

- Matthew Armbrust
- Sarah Martinson
- Patrick McElroy
- Mark McKnight
- Cassandra Nikolaus
- Joseph O'Connor
- Steven Pray
- Joshua Smithrud
- Diana Strickley
- Anna Yost

**SCHOLAR OF THE YEAR:** *Anne Parfitt*; nominated by Patrick McCutcheon, Steven Hackenberger, and Patrick Lubinski

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## SOURCE 2014 MENTOR OF THE YEAR AWARD

### Nominees in alphabetical order:

- Gary Barlett
- James Bisgard
- Anne Cubilie
- Toni Culjak
- Teresa Divine
- Blaise Dondji
- Dwayne Douglas
- Anne Egger
- Crystal Fullmer
- Anthony Gabriel
- Gilberto Garcia
- Ralf Greenwald
- Steve Hackenberger
- Daniel Herman
- Patrick Lubinski
- Pamela McMullin-Messier
- Michael Mulcahy
- Maria Sanders
- Lori Sheeran
- Gabrielle Stryker
- Rex Wirth

**UNDERGRADUATE FACULTY MENTOR OF THE YEAR:** *Patrick McCutcheon*, Anthropology and Museum Studies; nominated by Anne Parfitt and David Davis

**GRADUATE FACULTY MENTOR OF THE YEAR:** *Sadie Lovett*, Psychology; nominated by Natalie Juhlin

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## 2014 BUSINESS PLAN COMPETITION

<u>Company</u>	<u>Owner</u>	<u>Mentor</u>	<u>Award</u>
Trung Institute of English as a Second Language	<i>Tyler Van Sickle</i>	Bill Provaznik	1 <sup>st</sup>
Yeah Buddy Brewpub	<i>Alexander Dahlin</i>	Dwayne Douglas	2 <sup>nd</sup>
Wildcat Café & Brewpub	<i>Ryan Brookhart</i>	Dwayne Douglas	3 <sup>rd</sup>

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## BROOKS LIBRARY BEST PRESENTATION AWARD

**Assessing the Expectations for Learning Commons Tutoring**

*Hirschey, Olivia*

*Faculty Mentor(s): Prairie Brown, Learning Commons*

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## DOUGLAS HONORS COLLEGE BEST PRESENTATION AWARD

**An Analysis of Generational Cooperation in the Workplace**

*Wyatt, Barbara*

*Faculty Mentor(s): Anne Cubilie, Douglas Honors College*

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## MANASTASH SHOWCASE

**Manastash Showcase**

*Fisher, Daniel*

*Faculty Mentors: Joseph Johnson, English*

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## CREATIVE EXPRESSION BEST PRESENTATION AWARDS

### **Hand to Hand Stage Combat**

**Bugallo, Paul; Hernandez, John; Gibbs, Drew; Domena, Monica; Gahley, Skyler**

*Faculty Mentor(s): Patrick Dizney, Theatre*

### **L'Homme en animal/Human Animals**

**Burkette, Lyndsey**

*Faculty Mentor: Michael Johnson, World Languages*

### **Speak in Rounds**

**Coté, Jeffrey**

*Faculty Mentor(s): Maria Sanders, Film and Video Studies*

### **Do They Make a Sound?**

**Stone, Jackie**

*Faculty Mentor(s): Crystal Fullmer, Physical Education, School and Public Public Health, Dance Program*

### **Digital Audio Tour of CWU Art and Architecture**

**Walton, Lauren; Kvietkus, Wolfgang**

*Faculty Mentors: Mark Auslander, Anthropology and Museum Studies; Ellen Avitts, Art*

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## CREATIVE WORKS BEST PRESENTATION AWARDS

### **The Nightingale: A Steampunk Fairytale**

**Kirckof, Joanne**

*Faculty Mentor(s): Jessica Pribble, Theatre*

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## FASHION SHOW BEST DESIGN AWARD

### **Genevieve**

**Knutz, Krissy**

*Faculty Mentor(s): Andrea Eklund, Apparel, Textiles and Merchandising*

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## COLLEGE OF ARTS & HUMANITIES BEST ORAL PRESENTATION AWARDS

### **The Student-Athlete Myth**

**Davis, Maxwell**

*Faculty Mentor(s): Michael Goerger, Philosophy and Religious Studies*

### **Building a Natural Trumpet**

**Martinson, Sarah**

*Faculty Mentor(s): John Harbaugh, Music*

### **The Russian Paradox: Kropotkin's Influence on International Eugenics**

**Melton, Joseph**

*Faculty Mentor(s): Roxanne Easley, History*

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## **COLLEGE OF EDUCATION & PROFESSIONAL STUDIES BEST ORAL PRESENTATION AWARDS**

### **Exposure to the Pesticide Chlordane is Associated with Increased Risk of Metabolic Syndrome**

**Nikolaus, Cassandra**

*Faculty Mentor(s): David Gee, Nutrition, Exercise, and Health Science*

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## **COLLEGE OF THE SCIENCES BEST ORAL PRESENTATION AWARDS**

### **Radiocarbon Dating of Calcined Bone: Pacific Northwest**

**Brown, James**

*Faculty Mentor(s): Steve Hackenberger, Anthropology and Museum Studies; James Chatters, Applied Paleoscience*

### **Beyond Camp: The Effect of Gender Identity on Drag Performance**

**Gardner, Kevan**

*Faculty Mentor(s): Pamela McMullin-Messier, Sociology; Cynthia Coe, Women's and Gender Studies*

### **Far-Infrared Laser Emissions from Optically Pumped Methanol**

**McKnight, Mark; Penoyar, Patrick; Pruett, Matthew; Palmquist, Nathan; Ifland, Sumaya**

*Faculty Mentor(s): Mike Jackson, Physics*

### **Effects of Father's Involvement on Men's Attitudinal Measures Regarding Parenting**

**Smith, Keith**

*Faculty Mentor(s): Robert Moore, Law and Justice*

### **Mathematical Modelling of Highway Traffic Policies**

**Squire, Benjamin; Mann, John-Paul; Minor, Nathan**

*Faculty Mentor(s): James Bisgard, Mathematics*

### **Towards the Synthesis of 1,3-Azaborines as Potential HIV-1 Protease Inhibitors**

**Treich, Nicholas**

*Faculty Mentor(s): Levente Fabry-Asztalos, Chemistry*

### **Variations in Vocalization Frequency of Chachalacas in Chamela, Jalisco, Mexico**

**VanDerslice, Julia; Reyer, Emily**

*Faculty Mentor(s): Dan Beck, Biological Sciences; Lisa Ely, Geological Sciences*

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## **CONSTRUCTED OBJECTS BEST PRESENTATION AWARDS**

### **SolarDraft Solar Air Heater**

**Dickson, Jeremy; Budnick, Sam; Porter, Kevin; Kluever, Kyle**

*Faculty Mentor(s): Roger Beardsley, Engineering Technologies, Safety, and Construction*

### **Three-Phase Motor Controller Design**

**Johnson, Aaron**

*Faculty Mentor(s): Lad Holden, Engineering Technologies, Safety, and Construction*

### **Programmable Logic Controller Automated System**

**Waytuck, Michael**

*Faculty Mentor(s): Nathan Davis, Engineering Technologies, Safety, and Construction*

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## COLLEGE OF EDUCATION & PROFESSIONAL STUDIES BEST POSTER PRESENTATION AWARDS

### Perceived Parental Support and Academic Outcomes in College Students

**Mailhot, Brittney**

*Faculty Mentor(s): Sarah Feeney, Family Studies*

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## COLLEGE OF THE SCIENCES BEST POSTER PRESENTATION AWARDS

### The Snohomish River Estuary: Restoration, Conflict, and Compromise

**Braun, Anthony**

*Faculty Mentor(s): Jennifer Lipton, Geography*

### A Java Implementation of a Novel Quantitative Genetic Framework for the Evolution of Developmental Interactions

**Brooks, Elizabeth**

*Faculty Mentor(s): Alison Scoville, Biological Sciences; Filip Jagodzinski, Computer Science*

### Concise Total Synthesis of Phidianidine A and B

**Buchanan, Jacob**

*Faculty Mentor(s): Stephen Chamberland, Chemistry*

### Evidence for the Presence of an Archaic Ritual Mortuary Complex in Vermillion County, Indiana

**Davis, David**

*Faculty Mentor(s): Patrick McCutcheon, Anthropology and Museum Studies*

### Growth of Laser-Induced Damage on Third Harmonic Generators

**DeShano, Brad**

*Faculty Mentor(s): Wren Carr, Lawrence Livermore National Laboratory's National Ignition Facility (NIF)*

### Stream Characteristics of Arroyo Zarco

**Duffy, Jared; Rush, Philip; Terrile, Kenny**

*Faculty Mentor(s): Lisa Ely, Geological Sciences; Daniel Beck, Biological Sciences*

### Is Ellensburg Water Safe for Recreation? An Analysis of Total Coliform Bacteria Levels in Wilson Creek

**Elg, Clinton; Shrinzada, Sabahuddin; Neziri, Izak**

*Faculty Mentor(s): Gabrielle Stryker, Biological Sciences*

### Anxiety in Social Situations

**Kenworthy, Jennifer**

*Faculty Mentor(s): Marte Fallshore, Psychology; Ralf Greenwald, Psychology; Megan Matheson, Psychology*

### Reaction Time Differences in Video Game and Non-Video Game Players

**Richardson, Benjamin**

*Faculty Mentor(s): Ralf Greenwald, Psychology*

### Fitness Assessment through Body Fat Prediction

**Weber, Madelyne**

*Faculty Mentor(s): Yvonne Chueh, Actuarial Science*

### Liuzhou City: Traditional Wisdom and New Economics

**Wen, Haocheng; Huang, Huadong; Qin, Jianfeng**

*Faculty Mentor(s): Rex Wirth, Political Science*

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## PEOPLE'S CHOICE: BEST POSTER PRESENTATION AWARDS

### Session #1

**Comparative Study of Periwinkle Extract on MCF-7 Breast Cancer and C2C12 Myoblast Growth Rate and Morphology**

**Brizendine, Amanda; Heidinger, Brigitta; Tapia, Nancy; Williams, Carin**

*Faculty Mentor(s): Ian Quitadamo, Biological Sciences*

### Session #2

**The Quest for Political Power: Latinos in the City of Sunnyside, Washington**

**Valencia, Jamie; Galvan, Eric; James, Kyle; Rockseth, William; Vo, Binh; Shearer, Brendan**

*Faculty Mentor(s): Gilberto Garcia, Political Science*

### Session #3

**Learning Strategies that Demonstrate Positive Academic Growth for a Student with Asperger's Syndrome: A Family's Journey**

**Gilbert, Jamie; Gilbert, Meghan; Gilbert, Dylan**

*Faculty Mentor(s): Shu-Fei Tsai, Language, Literacy, and Special Education*

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## UNIVERSITY CENTERS BEST POSTER PRESENTATION AWARDS

**Medical Device Supply Chain**

**Berry, Alexandria; Anderson, Jennifer**

*Faculty Mentor(s): Kun Liao, Finance and Supply Chain Management*

**The Sounds of Colors and Tastes: An Experimental Extension of the Bouba Kiki Effect**

**Kawachi, Bridgett**

*Faculty Mentor(s): Vanessa Hunt, Science Education*

**Information Systems and How It Effects Supply Chain**

**Radish, Blake; Radchanka, Valiantsina; Purkey, Michele**

*Faculty Mentor(s): Kun Liao, Finance and Supply Chain Management*

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## MIDDLE AND JUNIOR HIGH SCHOOL BEST POSTER PRESENTATION AWARD

**Dark vs. Light**

**Burrows, Karly; Monnie, Kerensa; McBride, Maddie**

*Mentor(s): Trish Griswold, Walter Strom Middle School*

**Charging an iPod Using Citrus Fruits**

**Beksinski, Casey; Madrid, Dylan; Martinez, Mason**

*Mentor(s): Jennifer Murphy, Selah Junior High School*

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## GUEST INVITEE BEST PRESENTATION HONORABLE MENTION

**Reduction in the Incidence of Type 2 Diabetes with Shared Medical Appointments: A Patient Centered Outcomes Research Study**

**Landreth, Stephanie; Watkins, Justin; Hoffman, Daniel**

*Faculty Mentor(s): Bernadette Howlett, Pacific Northwest University of Health Sciences; Byron L. Haney, Family Health Care of Ellensburg*