

## SOURCE 2011 PRESENTATION AWARDS

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### COTS BEST POSTER PRESENTATION AWARDS

#### GREEN FLOURESCENT PROTEIN TAGGING OF THE *TRYPANOSOMA CRUZI* FLAGELLUM

**Smith, Sarah**

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

#### THE USE OF COLOR VERSUS BLACK-AND-WHITE IMAGES IN A DELAYED-MATCH-TO-SAMPLE (DMTS) TASK

**Niegowski, Amanda; Ring, Ian; Huss, Kathryn; Mariscal, Carina; Loesken, Axel**

*Faculty Mentor(s): Kara Gabriel, Psychology*

#### QUANTITATIVE HISTOLOGICAL ANALYSIS: CALCINEURIN'S ROLE IN THE DEVELOPING RETINA

**Dickerson, Andre; Godinez, Maria; Selski, Daniel**

*Faculty Mentor(s): Daniel Selski, Biological Sciences*

#### SYNTHESIZING $\text{SR}_3\text{B}_2\text{O}_6:\text{EU}_{2+}$ USING $\text{SRB}_4\text{O}_7:\text{EU}_{2+}$ AS A PRECURSOR

**Kilburn, Troy; Orme, Patrick**

*Faculty Mentor(s): Anthony Diaz, Chemistry*

#### GIS JOB MARKET

**Cannon, Jamie; Hickey, Robert**

*Faculty Mentor: Robert Hickey*

#### IDENTIFICATION OF NEOCORTICAL PROTEINS THAT INTERACT WITH THE TRANSCRIPTION FACTOR Sp8

**Mullan, Michael**

*Faculty Mentor(s): Todd Kroll, Chemistry*

#### METHODS AND IMPLICATIONS OF THE NONINVASIVE COLLECTION OF SALIVA FROM NONHUMAN PRIMATES

**Simons, Noah; Lorenz, Joseph; Sheeran, Lori; Matheson, Megan; Li, Jinhua**

*Faculty Mentor(s): Joseph Lorenz, Primate Behavior*

#### TASK GROUP 119 VALIDATION OF THE WENATCHEE VALLEY MEDICAL CENTER (WVMC) EQUIPMENT

**Magenis, Marilyn**

*Faculty Mentor(s): Michael Braunstein, Physics*

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### COTS BEST ORAL PRESENTATION AWARDS

#### STATISTICS AND SMALL BUSINESS

**Cox, John**

*Faculty Mentor(s): Dominic Klyve, Mathematics*

#### TOTAL SYNTHESIS OF NOVEL BORONATED AMINO ACID ANALOGUES AS POTENTIAL INHIBITORS OF HIV-1 PROTEASE

**Schreiber, John**

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

#### THE FIRST 9 THZ LASER EMISSION GENERATED BY OPTICALLY PUMPED $\text{CH}_3\text{I}_8\text{OH}$

**Milne, Jason**

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

#### DISCOVERING FUNCTION: LATE STAGE RETINAL NEURODEVELOPMENT

**Iniguez, Jesus**

*Faculty Mentor(s): Daniel Selski, Biological Sciences; Audrey Huerta, Geological Sciences*

#### COMPARING AND PREDICTING ANDROID SMARTPHONE UPGRADES

**Nesbitt, Alex**

*Faculty Mentor(s): Dominic Klyve, Mathematics*

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## **CEPS BEST POSTER PRESENTATION AWARDS**

### **STRESS AND THE CWU STUDENT: EXPLORING STRESS AND OTHER VARIABLES IN A COLLEGE SAMPLE**

**McPhaden, Anna**

*Faculty Mentor(s): Rebecca Pearson, Physical Education, School and Public Health*

### **A CRITICAL ANALYSIS OF TRANSFORMATIONAL LEADERSHIP AND TRANSPERSONAL LEADERSHIP**

**Coy, Mary; Lupton, Natalie**

*Faculty Mentor(s): Natalie Lupton, Information Technology & Administrative Management*

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## **CEPS BEST ORAL PRESENTATION AWARDS**

### **BUILDING A HUMAN POWERED ELECTRICITY GENERATION SYSTEM**

**Griffith, Garrett**

*Faculty Mentor(s): Roger Beardsley, Industrial & Engineering Technology*

### **VITAMIN D STATUS OF MALE COLLEGIATE ATHLETES FOLLOWING SUPPLEMENTATION WITH AN ORAL VITAMIN D SPRAY**

**Storlie, Dana; Pritchett, Kelly; Pritchett, Robert; Cashman, Linda**

*Faculty Mentor(s): Kelly Pritchett, Nutrition, Exercise, & Health Services*

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## **CB BEST ORAL PRESENTATION AWARD**

### **THE IMPACT OF THE GREAT WESTERN DEVELOPMENT STRATEGY ON NORTHWESTERN CHINA**

**Harrison, Isa; Houck, Meredith; Jiwani, Naushin; Welch, Jennie**

*Faculty Mentor(s): Richard Mack, Economics; James Cook, History*

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## **CAH BEST ORAL PRESENTATION AWARDS**

### **TYPE IT LIKE YOU MEAN IT: AN ANALYSIS OF USES AND ABERRANT USES OF CHAT FUNCTIONS IN MMORPGS**

**Conrad, Jay; Jackson, Steve**

*Faculty Mentor(s): Steve Jackson, Communication; Michael Ogden, Film & Video Studies*

### **COOKING UP A NATION: FOOD, CULTURE, AND IDENTITY IN THE EARLY AMERICAN REPUBLIC**

**Bailor, Karen**

*Faculty Mentor(s): Daniel Herman, History*

### **CINDERELLA VS. VASILISA: EXPLORING TRADITIONAL VIEWS OF IDEAL FEMININITY IN WESTERN EUROPE AND RUSSIA THROUGH THE LENS OF THE FAIRY TALE**

**Wildes, Sheena**

*Faculty Mentor(s): Roxanne Easley, History; Ruthi Erdman, Douglas Honors College*

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## **BEST CREATIVE EXPRESSION PRESENTATION AWARDS**

### **ONE VOICE**

**Zelenak, Megan**

*Faculty Mentor(s): Therese Young, Dance*

### **FRENCH-CANADIAN FOOT PERCUSSION: ORIGINS AND PRACTICE**

**Koran, Laurel**

*Faculty Mentor(s): Bret Smith, Music*

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## FASHION DESIGN BEST POSTER PRESENTATION AWARD

### **THE MISSING PIECE**

*Flenniken, Arielle*

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## WATERS GRANT BEST POSTER PRESENTATION AWARD

### **INQUIRY BASED FIELD RESEARCH IN THE SEVENTH-GRADE CLASSROOM**

**Palmeri-Miles, Amber; Wallace, Brooke; Terrill, Holly**

*Faculty Mentor(s): Jason Irwin, Biological Sciences*

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## PEOPLE'S CHOICE: BEST POSTER PRESENTATION AWARDS

### **ANTHELMINTIC ACTIVITY OF PLANT EXTRACTS ON THE HOOKWORM ANCYLOSTOMA CEYLANICUM**

**McNutt, Sarah; McClellan, Krystal; Berndt, Amanda; Moesch, Stephanie**

*Faculty Mentor(s): Blaise Dondji, Biological Sciences; Gil Belofsky, Chemistry*

### **ENHANCING WATERSHED AWARENESS: DEVELOPMENT OF AN EDUCATIONAL POSTER TO PROMOTE UNDERSTANDING OF THE IMPORTANCE OF OUR STATE'S WATER RESOURCES**

**Reese, Angela; Arthur, J.; Bishop, T.; McDermott, W.; Schafer, J.**

*Faculty Mentor(s): Michael Pease, Resource Management*

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## UNIVERSITY CENTERS BEST POSTER PRESENTATION AWARDS

### **PRIVATE SAUSAGE MANUFACTURING COMPANY**

**Funk, Jason**

*Faculty Mentor(s): Kun Liao, Finance & OSC*

### **SUPPLY CHAIN DEVELOPMENT (COLUMBIA VALLEY BREWING CO.)**

**Smith, Charles**

*Faculty Mentor(s): Kun Liao, Finance & OSC*

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## HONORABLE MENTION AWARDS

### **COTS:**

### **THE COOPTATION AND APPROPRIATION OF AMERICAN INDIAN SPIRITUALITY**

**Denner, Melissa**

*Faculty Mentor(s): Delores Cleary, Sociology*

### **IRON IN SOOT: REACTIONS IN THE TAIL PIPE**

**Casique, Hector**

*Faculty Mentor(s): Anne Johansen, Chemistry*

### **TOWARD THE SYNTHESIS OF NOVEL BORONATES AS POTENTIAL HIV-1 PROTEASE INHIBITORS**

**Frank, Michael; Faulkner, Andrea; Holmberg, Leah; Jennings, Julia**

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

### **RESURRECTING A RIVER: A THESIS PROPOSAL FOR EVALUATING THE REINTRODUCTION OF SALMON TO THE ELWHA RIVER AS A MEANS OF INFLUENCING SENSE OF PLACE**

**Johnson, Kelseyanne**

*Faculty Mentor(s): Craig Revels, Geography*

## **THE EFFECTS OF QUANTUM DOTS AND THEIR CHEMICAL COMPONENTS ON MITOCHONDRIAL FUNCTION**

**Rosario, Sara; Thomas, Carin**

*Faculty Mentor(s): Carin Thomas, Chemistry*

### **CAH:**

## **THE NON-FINALITY INTONATION OF CHILDREN'S DECLARATIVE STATEMENTS IN SPANISH AND ENGLISH**

**Falteisek, Zosha**

*Faculty Mentor(s): Charles Li, English*

## **MUSIC THERAPY: THE EFFECT OF MUSIC ON DOMESTIC CHICKENS' LAYING PATTERNS**

**Wenger, Lauren**

*Faculty Mentor(s): Hal Ott, Music*

## **SEX IN ANCIENT GREECE: EXPLORING THE DYNAMICS OF MARRIAGE AND PEDERASTY**

**Nelson, Reesa**

*Faculty Mentor(s): Matthew Altman, Douglas Honors College*

### **CEPS:**

## **THE EFFECTS OF CAFFEINE ON 5K RUNNING PERFORMANCE FOLLOWING EXERCISE INDUCED MUSCLE SORENESS**

**Campbell, Stephanie; Pritchett, Robert; Pritchett, Kelly**

*Faculty Mentor(s): Robert Pritchett, Nutrition, Exercise, & Health Services; Kelly Pritchett, Nutrition, Exercise, & Health Services*

### **CREATIVE EXPRESSION PRESENTATION:**

#### **THE HORRORING**

**Greer, Jacob; Drougett, Austin**

*Faculty Mentor(s): Michael Ogden, Film & Video Studies*

#### **THE SIGHT OF SOUND**

**Sawyer, Holly**

*Faculty Mentor(s): Hal Ott, Music*