

TU AWARD WINNERS OF 84th ANNUAL AAAS-SWARM MEETING

TECHNICAL SESSION WINNERS			
AWARD	STUDENT NAME	PROGRAM/ DEGREE TRACK	ABSTRACT TITLE
1st Place for Outstanding Oral Presentation	Cas Bridge	Geosciences Master's Student	Analysis of the Relationship Between the Catment Area and Nutrient Loading of the Hartbeespoort Dam, South Africa Using ArcGIS
Honorable Mention - Oral Presentations	James Hylton	Mechanical Engineering Bachelor Student	Design and Manufacture of a Vertical Axis H-Rotor Wind Turbine for Sustainable Applications in Rural China
Honorable Mention - Oral Presentations	Elizabeth Timpe	Biological Sciences Master's Student	Phylogeography of the Brownback Salamander Reveals Patterns of Endemism in Southern Appalachian Springs
Honorable Mention - Oral Presentations	George Louthan	Computer Science Bachelor Student	Communication Without Boundaries: Breaching the Great Firewall of China
1st Place for Outstanding College Poster	Laura Wilson	Speech Pathology Master's Student	Listeners' Perceptions of Female Speech Samples
2nd Place for Outstanding College Poster	Casey Davis	Mechanical Engineering Bachelor Student	Plastic dissipation in fatigue crack growth under mixed-mode I/II/III loading
3rd Place for Outstanding College Poster	Gelareh Abulwerdi	Biological Sciences Bachelor Student	Redox Regulation of Tumor Suppressor Protein p21
	Eleanor Lewin	Chemistry Bachelor Student	

HIGH SCHOOL POSTER SESSION WINNERS - AAAS-SWARM AWARDS			
AWARD	STUDENT NAME	SCHOOL	POSTER TITLE
Best Poster Presentation	Onkur Sen	Oklahoma School for Science & Mathematics, 11th Grade	Effects of Social Network Topology on Norm Emergence
Honorable Mention	Skye Singleton	Bartlesville Mid-High School 10th Grade	Violin or Voice...Brain Food for Alzheimer's Patients?

TWELFTH ANNUAL STUDENT RESEARCH COLLOQUIUM AWARD WINNERS

TECHNICAL SESSION WINNERS			
AWARD	STUDENT NAME	PROGRAM/ DEGREE TRACK	ABSTRACT TITLE
1st Place	Cas Bridge	Geosciences Master's Student	Analysis of the Relationship Between the Catment Area and Nutrient Loading of the Hartbeespoort Dam, South Africa Using ArcGIS
2nd Place	Elizabeth Timpe	Biological Sciences Master's Student	Phylogeography of the Brownback Salamander Reveals Patterns of Endemism in Southern Appalachian Springs
3rd Place	Agostina Santoro	Biochemistry Bachelor Student	Analysis of BDNF as a Potential Marker for Human Behavior and Personality
3rd Place	Sarah Knutie	Biological Sciences Master's Student	Comparing the Adrenal Responsiveness of Three Species of Cardueline Finches During the Non-breeding Season
3rd Place	James Hylton	Mechanical Engineering Bachelor Student	Design and Manufacture of a Vertical Axis H-Rotor Wind Turbine for Sustainable Applications in Rural China
Honorable Mention	Shannon Compton	Sociology Bachelor Student	Claiming a Legitimate Place in the Spotlight: How Drag Performers Construct Positive Identities
Honorable Mention	Lori Hastings	Biological Sciences Bachelor Student	Agonistic Behavior in Atta Cephalotes Elicited by Caryophyllene Oxide
Honorable Mention	Emily Ruggs	History Master's Student	The Association of Collegiate Alumnae: Overcoming Gender Roles for Higher Education
Honorable Mention	Elizabeth Avant	Clinical Psychology Doctoral Students	Nightmare Activity Among Individuals with and without Phobias: Implications for the Posttraumatic Stress Disorder Construct
Honorable Mention	Rachel Wiedeman		

COMMUNITY SERVICE SESSION WINNER			
AWARD	STUDENT NAME	PROGRAM/ DEGREE TRACK	ABSTRACT TITLE
Best Presentation	Allison Johnston	Mechanical Engineering Bachelor Student	The Impact of Sustainable Energy Structure in North East Asia on the Lives of Citizens

HIGH SCHOOL POSTER SESSION WINNERS - TU AWARDS			
AWARD	STUDENT NAME	SCHOOL	POSTER TITLE
1st Place	Varuna Rao	Union High School 12th Grade	Face Recognition: Is It a Match?
2nd Place	Danielle Koster	Bartlesville Mid-High School 10th Grade	Do You See What I See?
3rd Place	Justin Yu	Bartlesville Mid-High School 10th Grade	Probing the Greenhouse Effect: A Study of the Synergistic and Individual Effects of Various Greenhouse Gases