The Office of Undergraduate Research announces the top placements for the 20th Undergraduate Research & Creative Activities Forum, held April 20th. 93 undergraduates, along with their mentors (39), submitted abstracts to present their research endeavors. Five colleges and Fain Elementary (grade 4 & 5) were represented in creative activities, podium, poster, and paper presentations. The UGR office recognizes the passion and commitment of all participants.

Gordon T. & Ellen West College of Education

Oral Presentations:

1st Place
Madeline Stanford, PSTs Using Culturally Relevant Math Tasks: A Framework to Critique Learning, Mentor: Dittika Gupta, undergraduate education and mathematics

Prothro – Yeager College of Humanities & Social Sciences

Oral Presentations:

1st Place
Alexis Washington, The Effects of Women during the French Revolution Mentor: Whitney Snow, history

2nd Place--Tie
Zetta Cannedy, Cristin Martin, Rural Law: Examining Legal Consciousness in Wichita County, Texas, Mentor: Linda Veazey, political science

3rd Place
Brandon Goins, Queer Lit on Par: A Positive Assimilation Rubric for Queer YA Literature. Mentor: Peter Fields

Paper Presentations:

1st Place

2nd Place
Ethan Allen, "The Status of Jews in the Confederacy" Mentor: Whitney Snow, history

3rd Place
Garrison Smith, "North American Wildlife Conservation Model History and Success” Mentor: Whitney Snow, history

Poster Presentations
1st Place
Ty Criss, The Statistics Behind the Educational and Diversification Benefits for Students whom Study Abroad, Mentor Mahmoud Elsharafi, humanities

Robert D. Carol Gunn College of Health Sciences & Human Services

Oral Presentations
1st Place
Nicholas Hubbert, Impact of Mindfulness Through Smartphone Application on Healthcare Students, Mentors: Drs. Tracie Fulton, Catherine Pankonien, Phillis Bunch, nursing

Poster Presentations
1st Place
Travis Foster, Lizette Flores, Geordan Martinez, Sleeping Patterns of College Students, Mentors: Randy Case Jennifer Anderson, respiratory care

2nd Place
Caroline Baxter, Megan Markwardt, Makayla Ross, College Students Access to Healthy Food Options, Mentors: Randy Case, Erica Judie, respiratory care

3rd Place
Samantha Harris, Allyson Karr, Kristina Tran, Khanh Truong, College Vaping: Can It Be Prevented? Mentors: Randy Case, Jessica Fino, respiratory care

Fain College of Fine Arts

Creative Activity
1st Place
Emily Beaman, Darkness on The Edge of Town, Mentor: Jonathon Quam, mass communication

2nd Place
Jaylei Lamb, Colin Stevenson, Polaroids and Porcelain, Mentor: William McKinney, ceramics/photography
McCoy College of Science, Mathematics & Engineering

Creative Activity

1st Place
Sharome Burton, Kory Prather, Jaden Corbin, Josiah Massey, Design and Manufacturing of Formula SAE Race Car Chassis, Mentor: Pranaya Pokharel, automotive engineering

Oral Presentations

1st Place:
Roxanne Carlisle, Gabriel Ling, Construction and Wind Tunnel Testing of a Vortex Based Vertical Axis Wind Turbine; Mentors: Salim Azzouz, Pranaya Pokharel, engineering

2nd Place:
Samuel Lee, Paul Nguyen McClain White, Mechanism-Control Design Integration for a Gravity Compensation System for Human Lower Limb Rehabilitation, Mentors: Zeki Ilhan, engineering

3rd Place
Gillian Achord, Cahil Burlton, Kyle Hackett, Electric and Pneumatic Regulation of a Dual Planetary Gearing System Using a Programmable Logic Controller, Mentor: Salim Azzouz

Poster Presentations

1st Place- Tie
Edgar Zapata, On Analyzing the Accuracy of Financial Indicators in Predicting Stock Patterns Using Data Mining Tools, Mentor: Lopamudra Roychoudhuri, computer science
Elizabeth Elkins, Terrestrial remote sensing technology for improved forest biomass monitoring Mentors: Kashif Mahmud, Timothy Pegg, geoscience

2nd Place
Francine Pascal, Effect of tryptophan and its derivatives indole and serotonin on Candida albicans germination, Mentor: James Masuoka, biology

3rd Place---Tie
Nasiha Khan, Effect of wall protein glycosylation on Candida albicans cell surface hydrophobicity, Mentor: James Masuoka, biology
Ryan Azzouz, Reversion of Antibiotic Resistance in E. coli, Mentor: James Masuoka, biology