



APRIL 12, 2022

8:00 AM-6:30 PM

**Rollins Campus Center
and Fine Arts Venues**

Gathering 8:00 am
WELCOME Suber Banquet Hall Dr. Linda G. Jones 8:15 am
Awards to our Graphic Art Logo & Poster Winners

ORAL PRESENTATIONS I

Session A: Suber Banquet Hall 8:30 - 9:45 am
Moderator: Dr. Joshua Guitar
8:30 am – Congressional hearings as public spectacle. Jenna Thomas*, Madeline Studebaker*, Matthew George*, Joshua Guitar and Dr. Sheri Blean (not affiliated with YHC)
8:45 am – Thriving or not: A world-wide flourishing index. Romeo Luque Zanello* and Nathan. L Gray
9:00 am – Keeping up with the congressperson: How legislators use media appearances to direct public attention towards Congress. Matthew George* and Joshua Guitar.
9:15 am – Physical appearance and gender stereotypes: an analysis of LGBTQ characters in television streaming services. Lindsey A. Caudell* (Joshua Guitar).
9:30 am – Abstrutting AOC: Reifying the reactionary rhetoric of patriarchal ideology. Madeline A. Studebaker* and Joshua Guitar.

Session B: Hatcher Dining Room 8:30 - 9:30 am
Moderator: Dr. Jonathan Micancin
8:30 am – Assessing the antimicrobial activity of lemon and lemongrass essential oils against common microbes found in skin infections. Faith Reffit*, Bryce Parrish* and Andrea L. Kwiatkowski.
8:45 am – A population assessment of Black Crappie in a small, west Tennessee impoundment. Marie Ahern*, Matthew Cowart*, Miriam Foster*, Roy Smith*, Ayden Williams*, and Erika Williams* (Johnathan Davis).
9:00 am – Microbial fermentation of kudzu (*Pueraria montana*): From invasive pest to biofuel feedstock. Jordan Pandolph*, Suzanne Moore*, Andrea Kwiatkowski and Charles Swor.
9:15 am – Range extension of Southern Gray-cheeked Salamander and Red-legged Salamander in the Blue Ridge of Georgia. Eugene "Trey" LaPine* and Jonathan P. Micancin.

ORAL PRESENTATIONS II

Session A: Suber Banquet Hall 10:00-11:00 am
Moderator: Dr. Julie Delose
10:00 am – Coordination and implementation of native ornamental gardens on Young Harris College campus. Brianna Ross* *Honors Thesis* (Jonathan Micancin and Kevin Geyer).
10:15 am – An analysis of the relationships between personality traits, self-perception accuracy, and defense mechanism usage. Morrighan R. Surret* and Julie E. Delose.
10:30 am – The physiological and psychological impact of crowd noise on collegiate athletes. Morgan E. Curley* *Honors Thesis* (Linda G. Jones, Kevin Geyer, and Ben Van Dyke).

Session B: Hatcher Dining Room 10:00 – 11:00 am
Moderator: Dr. Jennifer C. Schroeder
10:00 am – Antimicrobial effects of eucalyptus and lavender essential oils on common epidermal bacterial and fungal strains. Savannah Poole*, Bryce Parrish* and Andrea L. Kwiatkowski.
10:15 am – Investigation of the antifungal effects of *Xanthorhiza simplicissima* extract on *Candida albicans*. Jillian Dixon* *Honors Thesis* (Paul Arnold and Kevin Geyer).
10:30 am – Luciferase assays suggest increased CYP1A1 expression in hepatocytes (hepa1.1) treated with charcoal prepared chicken tinctures. Andrew Wingate* (Jennifer C. Schroeder).
10:45 am – DMSO, but not water, can extract compounds from the turf field infill that activate the Aryl Hydrocarbon Receptor. Veronica Pablo Raymundo* and Jennifer C. Schroeder.

Session C: Campus Gate Gallery 10:00-11:00 am
Moderator: Becky Miller
10:00 am – As part of a CURE the following five students conducted research on artists and artwork from historical time periods to contemporary to help them identify and establish their own individual area of investigation in the areas of subject matter, content, media, technical skills and formal considerations. They will present their work at this time.

Hannah Cooper	Summer Ribas
Ciera DeFrench	Delaney Thompson
Mary Grace Nelson	

The *Spring Senior Thesis Art Exhibition* is also on display in the gallery.

Musical Interlude **RCC Lobby** **11:00 - 11:15 am**
YHC Flute Choir Performs the Classics: Chloe Cantrell*, Caroline Rigney*, Sarah Carver*, Bella Rousseaux* and Cheryl Star.

KEYNOTE SPEAKER **11:15 - 12:00 pm**

Suber Banquet Hall

Introduction: Dr. Joshua Guitar

Our keynote speaker is **Dr. Marta Lukacovic**, an Assistant Professor of Communications and Media at Angelo State University in San Angelo, Texas. She is a scholar of Post-Soviet Eastern Europe politics and media and will speak to us on: ***Security and Crisis in the Era of Digital Media: Lessons from the Pandemic and the War in Ukraine***

ORAL PRESENTATIONS III **1:00 - 3:15 pm**

Session A: Suber Banquet Hall

Moderator: Dr. Matthew Bruen

1:00 pm – Analysis of Georgia O'Keeffe's evaluating the effects of her marriage on her artwork and success through a feminist lens. Elizabeth Sigmon* (Mary Slavkin).

1:15 pm – Acceptability versus adoptability: The evolution of gender neutrality in Romance languages. Matthew George* (Diana Santiago)

1:30 pm – Black lens. Janerra L. Copeland.* (Gale Thompson).

1:45 pm – Mere domestic incidents: Masculinity, femininity and domesticity in Poe's "The Black Cat" and "Fall of The House of Usher". Joelle Philo* (Eloise Whisenhunt).

2:00 pm – Agency in utero: the reclaiming of feminine power in "The Robber Bridegroom". MacKenzie Teal* (Eloise Whisenhunt).

2:15 pm – Haunted spaces and revenant faces: Examining generational trauma and spaces of healing in the works of Crystal Wilkinson. Tina Hill* (Bethann Bowman).

2:30 pm – *Questions for English Capstone Presenters (last 3 talks).*

Session B: Hatcher Dining Hall **1:00-3:00 pm**

Moderator: Dr. Kevin Geyer

1:00 pm – The Southern Jewish Weekly report on the Holocaust. Jill M. Davis*, Eryk D. Sklba*, William L. Tison*, Andrew O. Whitfill* (Larissa Stiglich).

1:15 pm – Passive resistance civil rights in the United States. Catherine Thigpen* (Thomas Stearns).

1:30 pm – Decoding "Democracy" In CNN Articles: The Paradox of Profit-Centric News Networks Posturing as Left-Wing. Tess M. Aubry* and Joshua Guitar.

1:45 pm – Historiography on the causes for the rise of third wave abolitionism. William Yeiser* (Thomas Stearns).

2:00 pm – Picturing the global South through a western lens: A postcolonial critique of modern missionary visual rhetoric. Madeline Studebaker* *Honors Thesis* (Joshua Guitar and Kevin Geyer).

2:30 pm – "Remnants of Rome," a crusade-era historical fiction piece focused on the Byzantine Empire. Brianna Klein* *Honors Thesis* (Kevin Geyer).

Session C: Planetarium

1:00 - 1:45 pm

Moderator: Steve Morgan

Life as we knew it: Venus and the habitable zone. Indiana N. Ayers* (Steve Morgan).

SPECIAL RECOGNITION SESSION

3:00 - 4:15 pm

Suber Banquet Hall

Moderator: Jonathan Davis

2022 Distinguished Undergraduate Research Scholars

Indiana Ayers

Kristen Grant

Jenna Thomas

Guerin Brown

Emma Hambrick

Henrik Timgren

Brentney Clemmons

Elizabeth Howell

Jacob Welmaker

Hannah Cooper

Madeline Studebaker

3:15 pm – Lens: Visual disabilities in science portrayed through poetics. Indiana N. Ayers* (Gale Thompson).

3:30 pm – Remote Sensing Analysis of Eastern Hemlock in Response to the Hemlock Woolly Adelgid and Biological Control in Three North Georgia Release Sites. Guerin Brown* and Paul T. Arnold.

3:45 pm – Plants and their effects on the client's stress in the counseling room. Brentney Clemmons (Julie Delose).

4:00 pm – COVID-19 and university students' health: A literature review. Emma G. Hambrick* and Benjamin P. Van Dyke.

* denotes student researcher; () denotes faculty sponsor

POSTER PRESENTATIONS

4:15-5:45 pm

RCC Lobby & Commons

Posters are found in order of numbers listed below.

1. Puppetry. Ansley L. Phenix*. (Zack Vandever).
2. The creation of prop weapons in the Percy Jackson universe. Ashley Hope Smith* (Zack Vandever).
3. On-Stage costume changes in theatre. Chris Say* (Zack Vandever).
4. Romeo and Juliet costume design. Vasia London* (Zack Vandever).
5. Whispers among us. Tymber Keaton* (Zack Vandever).
6. The art of foam prosthetics in theatre. Grace A. Allen* (Zack Vandever).
7. Process of creating prop weaponry. Ethan Brown* (Zack Vandever).
8. Creation of a Harry Potter wand. Abigail L. Wilson* (Zack Vandever).
9. The examination of dyadic accuracy and meta-perception accuracy among dyadic relationships. Ansley M. Thompson*, Bethany L. Viar* and Julie E. Delose.
10. Examination of musical aspects' impact on exercise intensity. Leanna M. Wood* (Amy Boggan).
11. Are empathically neutral expressions possible during painful experiences? Henrik Timgren* and Benjamin Van Dyke.
12. The relationships among student-athlete status, stress and workout intensity and duration. Hannah Behner* and Benjamin Van Dyke.
13. Finding the leader within: exploring questions that matter. Jacob Welmaker* (Joseph Pate).
14. Effective teaching. Rebecca Abernathy* (Rinnel Atherton).
15. The effective teacher. Eryn Brown* (Rinnel Atherton).
16. The characteristics of being an inspiring teacher. Zandra Churchill* (Rinnel Atherton).
17. The ideal teacher. Quintavus N. Williams* (Rinnel Atherton).
18. The purposeful teacher. Zoe Freke* (Rinnel Atherton).
19. The importance of being an honorable teacher. Kathryn Smallwood* (Rinnel Atherton).
20. Needed aspects of an intentional teacher. Rachel Waddell* (Rinnel Atherton).
21. An effective teacher. Averi Rountree* (Rinnel Atherton).

22. Bauhaus Annotated Artwork Collaborative Posters.
(Mary Slavkin, and Kerry Jenkins).

Research

Avery Brusa
Bradshaw Burris
Breanna Cauble
Hannah Foster
Amber Jackson
Avery Lester
Larkinn-Rose Rainwater
Parker Vaughan
Bailey West
Leigha Whittle

Design

Chandler Hensley
Garrett Madlock
Stephanie Perez
Corissa Pritchett
Tanner Redmon
Jeremy Rice
Laurel Sanford
Heather Taylor
Taylor Thomas
Taylor Wyatt
Lucas Arrowood
Benjamin Bragg
Adreahna Brown
Caleb Camus
Hannah Elliot
Alyssa Makina
Joelle Philo

23. Sunday funday YHC. Tess Aubrey*, Kathryn Gilbert*, Emma Hambrick*, Zharia Johnson*, Ansley Thompson*, Delaney Thompson*, and Ambyre Ponivas.
24. Providing paws. Malia C. Little*, Olivia L. Birkhead*, Joey C. Curry*, and Wes R. Glass* (Ambyre Ponivas).
25. K(NO)W MORE: A sexual assault awareness campaign. Jack D. Bruschetti*, Madeline A. Studebaker*, Jenna C. Thomas*, Morganna E. Oberdorfer*, Rachel I. Tudorancea* (Ambyre Ponivas).
26. Religion as fear: an examination of the use of religious symbols in horror films. Olivia L. Birkhead* (Jen Hallett).
27. The analysis of social media use within college aged individuals. Abigayle Miles* (Jen Hallett).
28. Analysis of athlete response to self identity. Joseph C. Curry*, Dr. Jennifer Hallett.
29. Student Price Index of Young Harris College. Jing Dong* and Yang Jiao.
30. The "Evo-Devo" of Beetle Antennae Using Comparative Genomics. Guerin Brown* and Albert Eribes (Paul Arnold).

31. Terrestrial isopod species distribution around Young Harris College. Caleb Thompson (Kevin Geyer).
32. Investigating catalysts to reduce reaction time in calorimetry method. Bethany Smith*, Ayden Williams*, (Xianzhi Song).
33. Investigate hypochlorite levels to improve color stability in the salicylate method. Helen Hudgins*, Natisha John* (Xianzhi Song).
34. Evaluation of the ion-selective electrode method and quantification of K⁺ interference. Lucy Dawkins*, Brianna Ross*, and Benjamin Edwards* (Xianzhi Song).
35. Assessment of the algae *Chlorella vulgaris* growth rate in water after exposure to microplastics. Alissa Miner*, Hael Tucker*, Sloan Sutton* and Charles Swor.
36. Effect of common micro plastics on bamboo growth. Mitchell P. Parrino*, Gracie C. Mize*, Lily A. Buxton*, and Kamar A. Hooker* (Charles Swor).
37. Analysis of short-term environmental effects on Green Arrow Bush peas (*Pisum sativum*) in the presence of microplastics common in construction. Raul Jr Soto Chavez*, David Garcia*, Haley King*, Alex Buchanan* (Charles Swor).
38. Zebrafish as a model for developmental toxicity. Gracie J. Hix*, Markas A. Marston*, Bryce T. Parrish*, Brianna D. Ross*, Trellis B. Whaley*, Cathren E. Whitley* and Linda G. Jones.
39. The effect of delta-9 tetrahydrocannabinol on the developmental morphology of zebrafish. Madison Smith* and Linda G. Jones.
40. An interpretive trail to highlight the natural and cultural significance of Cupids Falls. Hannah Cooper*, Kristen Grant*, Elizabeth Howell*, James Mardell*, Summer Ribas*, Brianna Ross*, Caleb Thompson*, Jacob Welmaker* and Johnathan Davis.

PANEL DISCUSSION BY YHC GRADUATES

5:45-6:30 pm Suber Banquet Hall

Moderator: Amy Boggan

Experience, Insight, and Values in Graduate Research

Panel Participants

Mikayla Escamilla graduated from YHC in 2020 with both a B.S. in Outdoor Leadership and a B.S. in Management. Since graduation, she has been working for Clemson University's Youth Learning Institute. She has recently been promoted to Assistant Director at YLI Headquarters in Pickens, SC. Her main duties are to organize an overnight STEM summer camp for 9–15-year-olds as well as run weekend programming for High School students during the school year. Mikayla is now looking to pursue her Masters in Youth Development Leadership through Clemson while still working full-time for the Youth Learning Institute.

Jordana Freitas graduated from Young Harris College with a B.S. in Biology in 2016. during her time at YHC she played women's lacrosse. She later attended Dental College of Georgia at Augusta University for dental school. After her graduation in 2021, her and her husband returned to the mountains where she practices General Family Dentistry.

Courtland Walters graduated from YHC in 2016 with both a B.A. in Music and earned an M.A. in Music from Eastern Illinois University in 2018. Since graduation, he has gone on several national and international music tours and worked with organizations such as El-Live Music Productions, Orchestra Noir, MARTA Artbound, and Songs for Kids, among others. Aside from corporate live performance, he has also made a name for himself and his business as a solo artist, private music instructor, piano technician, and bandleader of both of his own groups, Drivin 75 and Subject to Change.

**Congratulations to all of our student researchers!
You make this event possible!**

Thanks to our Faculty Research Sponsors!

Thanks to Alpha Chi Honor Society for Refreshments.

Thanks to Arts & Assemblies for Supporting the Keynote Lecture.

**Thanks to Kerry Jenkins' Graphic Design Classes
for poster designs.**

Congratulations to our artists for this year's logo and posters:

Lillian Black – Program and Poster Logo

Heather Taylor – First Place Poster

Chandler Hensley – Runner up Poster

Garrett Madlock – Runner up Poster



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