

Alpha Chi Student Presentations 2024

Refer to the [*Tentative Schedule of Events*](#) for room names and section dates/times.

Session I

Friday, April 5: 8:40 a.m. – 10:00 a.m.

Section 1

8:40 a.m. - 8:55 a.m.

“Ripples from Walden: An Environmental History of Transcendentalism and Its Lasting Impact on American Consciousness”

Nolan W. Reynolds, Waldorf University, Iowa Iota, Region IV

9:00 a.m. - 9:15 a.m.

“The Vietnam War: Noble Cause or Act of Moral and Intellectual Poverty?”

Rebecca Jennifer Luckey, Huntington University, Indiana Beta, Region V

9:20 a.m. - 9:35 a.m.

““For Suffering Humanity Everywhere”: Exclusion in Women’s Suffrage During the Civil War Era and Its Implications for Other Social Movements”

Lindsey E. Bennett, Westminster College, Missouri Delta, Region IV

9:40 a.m. - 9:55 a.m.

“Nazi War Criminals in the United States and the Fight to Remediate Injustice”

Dr. Ann Marie Dell, Southern Methodist University, Texas Alpha Omega, Region II

Section 2

8:40 a.m. - 8:55 a.m.

“Emotional Maturity of Fathers in Shakespeare's Plays”

Kailley White, University of Arkansas at Monticello, Arkansas Zeta, Region II

9:00 a.m. - 9:15 a.m.

“Conquering the Secular: Cyclical Redemption in The Hobbit as a Reinvigoration of Faith”

Jasmine Elizabeth Sirvent, Fresno Pacific University, California Zeta, Region VII

9:20 a.m. - 9:35 a.m.

““Nobody Wants It, Nobody Cares for It”: Reclaiming Frances Hodgson Burnett's The Secret Garden as a Narrative of Healing from Childhood Emotional Neglect”

Rebekah Brown, Wayland Baptist University, Texas Alpha Eta, Region I

Section 3

8:40 a.m. - 8:55 a.m.

“Empowering Growth: The Transformative Impact of Undergraduate Participation in Community Outreach and Mentorship Experiences”

Ashley Larson, Grand Canyon University, Arizona Alpha, Region VII

9:00 a.m. - 9:15 a.m.

“Investigation of Prioritization and Self-Efficacy in Undergraduate Calculus for Business and Life Science”

Aaron Nachazel, Lake Superior State University, Michigan Gamma, Region V

9:20 a.m. - 9:35 a.m.

“Advanced Placement Participation Rates in Minority White Schools”

Brianna Freshwater, Southern Methodist University, Texas Alpha Omega, Region II

9:40 a.m. - 9:55 a.m.

“The Effectiveness of Special Education: A Historical Context and Theoretical Framework”

Anthony Sarmiento, Angelo State University, Texas Alpha Iota, Region I

Section 4

8:40 a.m. - 8:55 a.m.

“Development of Drug Screening Libraries From Terrestrial Plant Collections in Hawaii”

Camille Cook, Hawaii Pacific University, Hawaii Beta, Region VII

9:00 a.m. - 9:15 a.m.

“Hot Water Treated ZnO Nanostructures Exhibit Antibacterial Properties”

Carson Stewart, Harding University, Arkansas Eta, Region II

9:20 a.m. - 9:35 a.m.

“Synthesis of Isoquinolines via Gold(I) Catalysis”

Chelsey Southwell, Southwestern University, Texas Alpha, Region I

9:40 a.m. - 9:55 a.m.

“Efforts Towards the Synthesis in Self-Assembly of Coiled-Coil Peptide”

Hoi Lam Selena Kwok, University of Texas at Tyler, Texas Alpha Xi, Region II

Section 5

8:40 a.m. - 8:55 a.m.

“Self-Efficacy and Presentation Anxiety”

Lauren Halamicek, Westminster College, Missouri Delta, Region IV

9:00 a.m. - 9:15 a.m.

“Literature Review: Challenges of Division I College Student-Athletes and the Development of Transition Programs”

Natalie Osborne, Grand Canyon University, Arizona Alpha, Region VII

9:20 a.m. - 9:35 a.m.

“From the Valley to the Mountain: Proving the Significance of God’s Presence Over One’s Life With a Focus on Serial Murder”

Dixie Herndon, Faulkner University, Alabama Delta, Region III

9:40 a.m. - 9:55 a.m.

“TikTok and Self Diagnosis: Perceived Reliability Factors, Vulnerabilities, and Dangers”

Micah Harrison Moulder, Gardner-Webb University, North Carolina Zeta, Region III

Section 6

8:40 a.m. - 8:55 a.m.

“Dear Friend of Mine — a Song Written by Kadyn Kevil”

Kadyn Kevil, Angelo State University, Texas Alpha Iota, Region I

9:00 a.m. - 9:15 a.m.

“From Simple to Spotify: The Process of Songmaking”

Tiffany Sites, West Liberty University, West Virginia Epsilon, Region V

9:20 a.m. - 9:35 a.m.

“Greek Music: An Exploration of Musical Development”

Ethan Hexamer, Waldorf University, Iowa Iota, Region IV

9:40 a.m. - 9:55 a.m.

“Piano Sonata in B minor, Hob. XVI:32 Movement I - Allegro Moderato and Movement III - Presto by Joseph Haydn”

Michaela A. Zimmerman, Angelo State University, Texas Alpha Iota, Region I

Section 7

8:40 a.m. - 8:55 a.m.

“Justice on Trial: A Multifaceted Analysis of Capital Punishment”

Abby Long, Harding University, Arkansas Eta, Region II

9:00 a.m. - 9:15 a.m.

“Prison-Based Gerrymandering: Issues, Remedies, and Recommendations”

William Hunter Carr, Carson-Newman University, Tennessee Delta, Region III

9:20 a.m. - 9:35 a.m.

“The Fountainhead of Modern Diplomacy”

Jan Bialecki, Fresno Pacific University, California Zeta, Region VII

Session II

Saturday, April 6: 9:00 a.m. – 10:20 a.m.

Section 8

9:00 a.m. - 9:15 a.m.

“Perched on the Edge of Faith: A Story of Immigration and Womanhood”

Cailey M. Lessel, Fresno Pacific University, California Zeta, Region VII

9:20 a.m. - 9:35 a.m.

“Bradbury, Books, and Blowtorches: A Marxist Study of Fahrenheit 451 and the Importance of Literature”

Hayley Arthur, Shorter University, Georgia Theta, Region III

9:40 a.m. - 9:55 a.m.

“I didn't grow up in a forest”

Abigail Miller, Lipscomb University, Tennessee Kappa, Region III

10:00 a.m. - 10:15 a.m.

“Ekphrastic and Other Poetry”

Elaine M. Ragland, Lindenwood University, Missouri Pi, Region IV

Section 9

9:00 a.m. - 9:15 a.m.

“The Dispute Between Armenia and Azerbaijan: The US and EU Involvement in the Conflict and a Policy Recommendation”

Alessandro Uralati, Hastings College, Nebraska Alpha, Region IV

9:20 a.m. - 9:35 a.m.

“Pirates, Famine, and Sheep: Why Somalia Remains Divided”

Matthew Daniel Outlaw, University of Arkansas at Monticello, Arkansas Zeta, Region II

9:40 a.m. - 9:55 a.m.

“Uncuff the Classroom: The Discriminatory Use of Disorderly Conduct Charges in NC K-12 Schools”

Aspen Andersson, University of North Carolina at Pembroke, North Carolina Kappa, Region III

10:00 a.m. - 10:15 a.m.

“Influencing the Home Front: How German Propaganda Posters in World War I Portrayed the War as a War of Defense Against Evil Enemies”

James Noah Seip, Gardner-Webb University, North Carolina Zeta, Region III

Section 10

9:00 a.m. - 9:15 a.m.

“Human in the Eyes of Christianity in Light of Science”

Adam Kendall Thomas, Abilene Christian University, Texas Psi, Region I

9:20 a.m. - 9:35 a.m.

“Searching for Scandal: A Methodology Behind Banned Books”

Abigail Farnsworth, West Liberty University, West Virginia Epsilon, Region V

9:40 a.m. - 9:55 a.m.

“The Character Assassination of Cleopatra: A Legacy Altered Beyond Recognition”

Brooke Barham, Fresno Pacific University, California Zeta, Region VII

10:00 a.m. - 10:15 a.m.

“Factors Affecting Romantic Partner Preferences”

Elisabeth Hood, Southern Methodist University, Texas Alpha Omega, Region II

Section 11

9:00 a.m. - 9:15 a.m.

“Analyzing Racial and Ethnic Bias in Machine Learning Models for Kidney and Lung Cancers Survival Outcomes Prediction”

Ayanda Huate, Westminster College, Missouri Delta, Region IV

9:20 a.m. - 9:35 a.m.

“Parental Views on HPV Vaccination”

Rebecca Rhodes, Abilene Christian University, Texas Psi, Region I

9:40 a.m. - 9:55 a.m.

“Healthy Habits for a Long Life”

Sarah Betsy Saidman, William Carey University, Mississippi Beta, Region III

10:00 a.m. - 10:15 a.m.

“Fiber Photometry as a Tool to Study Stress Circuitry and Neurodevelopmental Conditions”

Lindsey Morais, West Liberty University, West Virginia Epsilon, Region V

Section 12

9:00 a.m. - 9:15 a.m.

“Venus in Exile”: Transgressing Boundaries and Binaries in Jane Eyre and Drive Your Plow Over the Bones of the Dead”

Eowyn Stewart, Abilene Christian University, Texas Psi, Region I

9:20 a.m. - 9:35 a.m.

“Was Krashen Right? A Closer Look at the Effectiveness of Stephen Krashen's Theories of Language Learning and Acquisition”

Paula Harvie, Gardner-Webb University, North Carolina Zeta, Region III

9:40 a.m. - 9:55 a.m.

“Sartre's Physical and Psychological Wall: The Philosophy of Autonomy”

Destiny D. Forrest, University of Arkansas at Monticello, Arkansas Zeta, Region II

10:00 a.m. - 10:15 a.m.

“Circe: A Monstrous Character Reimagined Through Revisionary Fiction”

Olivia Word, University of Tennessee Southern, Tennessee Xi, Region III

Section 13

9:00 a.m. - 9:15 a.m.

“The Valuable Experience of Studying Abroad for Honor Students”

Lidia Abigail Jacobo, California State University, Bakersfield, California Iota, Region VII

9:20 a.m. - 9:35 a.m.

“Graph Theory for Building Critical Thinking at the High School Level”

Trevor Wyatt, Gardner-Webb University, North Carolina Zeta, Region III

9:40 a.m. - 9:55 a.m.

“Spot the Dots: Planning, Implementing, and Assessing Braille Instruction for Unified English Braille Dot Five Contractions”

Elizabeth Mae Ayers, University of Tennessee Southern, Tennessee Xi, Region III

10:00 a.m. - 10:15 a.m.

“Entiéndeme”: A Reflection on the Interdisciplinary Problems Surrounding Educational Models and English Language Acquisition”

Karla Daniela Salazar Chavira, Grand Canyon University, Arizona Alpha, Region VII

Section 14

9:00 a.m. - 9:15 a.m.

“Virtual Reality Versus Analog Performance and the Age-Related Paradox of Prospective Memory”

Erin E. Hulsman, University of Texas at Tyler, Texas Alpha Xi, Region II

9:20 a.m. - 9:35 a.m.

“The Enneagram: A Qualitative Outlook Using Thematic Analysis to Find One's Congruency to Their Number”

Andrew T. O'Dwyer, Lipscomb University, Tennessee Kappa, Region III

9:40 a.m. - 9:55 a.m.

“How to Integrate Spirituality Into Your Overall Well-Being”

Tamiko Hobbs, Grand Canyon University, Arizona Alpha, Region VII

10:00 a.m. - 10:15 a.m.

“Increasing Academic Success in Adolescents Through the Application of Creative Expressive Arts”

Azsha Ray, Pine Manor College, Massachusetts Delta, Region VI

Section 15

9:00 a.m. - 9:15 a.m.

“Genetic Interactions Between Melatonin, Indole-3-Acetic Acid, and Gibberellin in Arabidopsis Seedlings”

Sadie Gaskins, Harding University, Arkansas Eta, Region II

9:20 a.m. - 9:35 a.m.

“Generation of Zebrafish Biliverdin Reductase Mutants Using CRISPR-Cas Technology”

Youngseo Choi, Abilene Christian University, Texas Psi, Region I

9:40 a.m. - 9:55 a.m.

“Investigation to Discover Antibiotic Producing Soil Bacteria”

Sophie Juliana, Lindenwood University, Missouri Pi, Region IV

10:00 a.m. - 10:15 a.m.

“Not So Sweet: Dysregulation of Glycolysis in Disease”

Madelyn Logan, West Liberty University, West Virginia Epsilon, Region V

Session III

Saturday, April 6: 10:30 a.m. – 10:50 a.m.

Section 16

10:30 a.m. - 10:45 a.m.

“Mass-based Quantification Method for Microplastics in Environmental Matrices”

Eric Anderson, Hawaii Pacific University, Hawaii Beta, Region VII

10:50 a.m. - 11:05 a.m.

“Progress Towards the Complete Synthesis of Dragon Amide E”

Shelby Cumbie, University of Texas at Tyler, Texas Alpha Xi, Region II

11:10 a.m. - 11:25 a.m.

“Synthesis of a Bio-resorbable Antibiotic for Use in Medical Devices”

Elizabeth Rae Milner, Hawaii Pacific University, Hawaii Beta, Region VII

11:30 a.m. - 11:45 a.m.

“RecA is all ‘bout that base...redundancy”

Elizabeth Wirth, Wayland Baptist University, Texas Alpha Eta, Region I

Section 17

10:30 a.m. - 10:45 a.m.

“The Effects of Fusarium on Treated Versus Untreated Soybeans”

Mica Allen, Huntington University, Indiana Beta, Region V

10:50 a.m. - 11:05 a.m.

“Does Climate Change Affect Prey Availability in Otters?”

Madison Thomas, Mars Hill University, North Carolina Epsilon, Region III

11:10 a.m. - 11:25 a.m.

“System for Analysis of Molten Salts and Useful RadioIsotopes - S.A.M.U.R.A.I”
Samuel Ash, Abilene Christian University, Texas Psi, Region I

Section 18

10:30 a.m. - 10:45 a.m.

“Sweet Success: The Hershey's Company Unwrapped”

Ishika Agarwal, West Liberty University, West Virginia Epsilon, Region V

10:50 a.m. - 11:05 a.m.

“Unreliable Narrator in Crisis: An Analysis of Sam Bankman-Fried’s Image Restoration Strategies”

Ashlee Reed, Abilene Christian University, Texas Psi, Region I

11:10 a.m. - 11:25 a.m.

“Resonance Through Rhetoric: A Muted Group Given Voice Through Barbie”

Christine Lockridge, Wayland Baptist University, Texas Alpha Eta, Region I

Section 19

10:30 a.m. - 10:45 a.m.

““The Undocumented Story of Tace Lamb””

Abbigail Earley, Carson-Newman University, Tennessee Delta, Region III

10:50 a.m. - 11:05 a.m.

““In Familiarity””

Hannah Meyer, Waldorf University, Iowa Iota, Region IV

11:10 a.m. - 11:25 a.m.

“The Vacancy Untold: Samples from Chapter 4”

Hannah McDuffie, Shorter University, Georgia Theta, Region III

Section 20

10:30 a.m. - 10:45 a.m.

“A Study on the SMARTS Executive Functioning Curriculum: Explicitly Teaching Executive Functioning Skills in a Fourth Grade Classroom”

Rebekah Curry, Abilene Christian University, Texas Psi, Region I

10:50 a.m. - 11:05 a.m.

“Implementing Student to Teacher Feedback: Analyzing the Effectiveness of Feedback in a Pull-Out Special Education Classroom”

Aubrie Hutson, Abilene Christian University, Texas Psi, Region I

11:10 a.m. - 11:25 a.m.

“The Trials and Tribulations of Mathematics”

Cory Byrd, Grand Canyon University, Arizona Alpha, Region VII

11:30 a.m. - 11:45 a.m.

“Forever Forgotten: Why Arabic Numbers Killed Every Other Numerical Writing System (and Why Nobody Was at Their Funerals)”

Luke Smith, Fresno Pacific University, California Zeta, Region VII

Section 21

10:30 a.m. - 10:45 a.m.

“‘She’s an Eagle When She Flies’”: The Lives and Legacies of Women in Appalachian Music During the 20th Century”

Georgia Leonard, Lipscomb University, Tennessee Kappa, Region III

10:50 a.m. - 11:05 a.m.

“The Chicago Outfit”

Adam Ensley, Mars Hill University, North Carolina Epsilon, Region III

11:10 a.m. - 11:25 a.m.

“Basque Society as a Matriarchy: How Has the Role of Women Evolved Throughout History, and Why Is This Important Today?”

Taylor Slabe, Lindenwood University, Missouri Pi, Region IV

11:30 a.m. - 11:45 a.m.

“The Black Spartacus: How Toussaint L’ouverture Paved the Way for Emancipation and Freedom”

Colton Manchester, Grand Canyon University, Arizona Alpha, Region VII

Section 22

10:30 a.m. - 10:45 a.m.

“Dispelling Delusion and Seeing Nature: A Comparative Analysis of Epistemological Methodology and Linguistic Creativity in Lucretius’ De Rerum Natura and Hui-neng’s Platform Sutra of the Sixth Patriarch”

Isaac Raymond, Harding University, Arkansas Eta, Region II

10:50 a.m. - 11:05 a.m.

“Redemptive Relational Suffering: The Cross in Crime and Punishment and Christian Mission Work”

Ada Lawrence, Harding University, Arkansas Eta, Region II

11:10 a.m. - 11:25 a.m.

“Anxiety: The Fault May Be in Our Stars”

Ashlynn Delias, Southwestern University, Texas Alpha, Region I

Section 23

10:30 a.m. - 10:45 a.m.

“Miscarriage as a Family Stressor: Applying Ambiguous Loss Theory to Family Outcomes and Intervention Development”

Avery Cottrell, Abilene Christian University, Texas Psi, Region I

10:50 a.m. - 11:05 a.m.

“Executive Functioning through an Occupational Therapy Lens: Applying Cognitive Psychology Principles to Occupational Therapy”

Camryn Smith, Tennessee Wesleyan University, Tennessee Gamma, Region III

11:10 a.m. - 11:25 a.m.

“Experiences of Male Sexual Assault Victims and Victim Services Liaisons Entrusted to Assist Them”

Julia DeWitt, Sam Houston State University, Texas Omicron, Region II