Convention Agenda

Thursday, March 24

2:00-8:00 p.m.  Chapter Delegation Check-in at AX Central................................. Capitol Ballroom Foyer
Each delegate will need to come through AX check-in to pick up their own conference name badge and materials and should have their proof of vaccination card or paperwork in hand to begin the check-in process. Our regalia company will be represented by Mr. Tim Brown, and Aletheia editor Dr. Kathi Vosevich will be around to discuss publication opportunities.

4:00-5:00 p.m.  Chapter Advisor Reception ................................................. Capitol View Terrace
A reception hosted by the current National Council and Executive Director to greet all current chapter advisors, regional officers, and any former or retired chapter leaders returning for this Alpha Chi centennial reunion.

5:15-6:45 p.m.  Picnic on the Lawn............................................................... The backYARD and Terraces
Join us for an all-delegate finger-food meal in the hotel’s back yard! Professional photography will be available for centennial-themed chapter and group photos as we enjoy the acoustic sounds of Austin’s Miggy & Joseph.

7:00-7:50 p.m.  Alpha Chi: How Our Story Began............................................ Capitol Ballroom DE
Following an official welcome and overview of the conference, we’ll sit down to chat with two important alumni: Dr. Robert Sledge and Dr. Dennis Organ, authors of Alpha Chi’s updated historical memoir Scholarship and Character: 100 Years of Alpha Chi. They will be available to sign books for a few minutes following the session.

8:00-8:55 p.m.  Regional Roundups!
Delegates will convene in their separate regions for regional networking and an overview of regional business such as elections that may need to occur during the convention. Your chapter’s regional identity is located on your name badge.

Region I................................................................. Bonnell
Region II.............................................................. Bickler
Region III............................................................. Tannehill
Region IV............................................................. Barton
Region V............................................................. Capitol F
Region VI............................................................ Capitol G
Region VII........................................................... Capitol H
9:00-10:30 p.m. **Backyard Social** ................................................... *The backYARD and terraces*
Let your hair down and join us back outside for dessert and beverages. Come outside to make new friends and gaze at the stars to more live music!

Friday, March 25

6:30-7:15 a.m. **Sunrise Stretch (Beginner Level Yoga)** ........................................... *Creekside I*
Start your day with this invigorating group yoga session! Dr. Graziana Ramsden of Massachusetts College of Liberal Arts has graciously volunteered to lead these sessions at several conventions now and is looking forward to whoever wants to join her in Austin. Bring your own gear; water will be provided.

7:15-8:15 a.m. **Grab & Go Morning Meal** .................................................... *Capitol Ballroom Foyer*
Breakfast will be available for pick-up during this time. Grab some food and a beverage to go, and enjoy it back in your room, around the hotel’s public common areas, or outside on the lawn.

8:30-9:30 a.m. **Student Member & Alumni Presentations Session I** ............... *(see detail on pp. 5-8)*
9 concurrent sections of student presentations grouped into rooms by academic discipline

9:30 a.m. to Noon **Alpha Chi Archival Exhibit** ..................................................... *Capitol Ballroom Foyer*
Megan Firestone, Head of Special Collections and Archives for the university library at Southwestern University that graciously houses Alpha Chi’s archival holdings, will join us with a collection of documents and souvenirs that go back to the founding of our organization in 1922. You’ll want to stop by and visit with her. She obviously loves what she does, and we are so grateful she offered to join us this week!

9:45-10:25 a.m. **Regional Business Meetings with Regional Officer Elections**
All seven regions will elect a new President and Vice President. Regions I and V will elect a Secretary-Treasurer, and Regions II, IV, and VI will elect new Student Representatives to the National Council.

Region I .......................................................... Bonnell
Region II .......................................................... Bickler
Region III ......................................................... Tannehill
Region IV ........................................................... Barton
Region V ............................................................ Capitol F
Region VI .......................................................... Capitol G
Region VII ........................................................... Capitol H

10:35-11:20 a.m. **General Session: Alpha Chi Today** .......................................... *Capitol Ballroom DE*
Executive Director Lara Noah will share some recollections from Alpha Chi’s past two decades, and Council Member and Chapter Advisor Dr. June Hobbs of Gardner-Webb University will share accounts of what several recently graduated Alpha Chi members are currently doing to make their scholarship effective for good. Following the presentation and formal discussion of the Council-proposed constitutional amendment, the session will end with the installation of the newly elected members of the National Council, Alpha Chi’s elected board of directors.

11:30-12:30 p.m. **Student Member & Alumni Presentations Session II** ............... *(see detail on pp. 9-12)*
9 concurrent sections of student presentations grouped into rooms by academic discipline

12:30 p.m. **Afternoon & Evening Free**—The city awaits! We hope you enjoy the sights and sounds of Austin.
Saturday, March 26

6:30-7:15 a.m.  Sunrise Stretch—Beginner Level Yoga ................................................. Creekside I

7:00-8:00 a.m.  Grab & Go Breakfast ................................................................................ Capitol Ballroom Foyer
Your breakfast box will be available for pick-up during this time. Grab it and a beverage to go, and enjoy your meal back in your room, around the hotel’s common areas, or outdoors.

8:15-9:45 a.m.  Collaborative Research Project Competition ................................. Capitol Ballroom DE
Moderated by Sarah Everett, AR Eta Alumna

Competition Judges:
Dr. Karl Havlak, National Council Secretary, Angelo State University, advisor
Dr. Steve Hoekstra, National Council Member, Kansas Wesleyan University, advisor
Dr. Andrew Linsenbardt, Missouri Valley College, advisor
Dr. Christine Pappas, East Central University, advisor
Dr. Jodi Pilgrim, National Council Member, University of Mary Hardin-Baylor, advisor

2021-22 Teams:

Franklin Pierce University, New Hampshire Zeta, “Monoclonal Antibodies and the Future of Medicine,” Evan Bennett (biology), Joshua Hughes (biology), Sydney Ogongo (accounting and finance), and Lauren Pribyl (health sciences). The faculty mentor for the New Hampshire Zeta team was Dr. Thomas Bennett.

Fresno Pacific University, California Zeta, “Agriculture in the Central Valley,” Veronica Mendez (history and social work), Luke Colvard (pre-law), Luke Smith (engineering and philosophy), and Paola Gonzalez Mendez (applied mathematics). The team’s mentors were Drs. Marshall and Pamela Johnston of Fresno Pacific University who both advise the California Zeta chapter.

Gardner-Webb University, North Carolina Zeta, “A New Era in Genetic Modification Technology,” Grace Burgin (biology and biomedical science), Kimberly Cole (nursing), and Michelle Lominac (political science). Chapter Advisor Dr. June Hobbs served as the team’s faculty mentor.

Missouri Western State University, Missouri Lambda, “Past, Present, and Future Disease Dynamics: A Comparative Analysis of the Social Dynamics of the Current COVID-19 Pandemic and Tuberculosis Outbreaks of the 20th Century,” Kylee Meehan (criminal justice), Tanner Merwin (history education), and Wanda Pearson (psychology). The team’s faculty mentors were Chapter Advisors Dr. Angela Haas and Dr. Teddi Deka.

Ouachita Baptist University, Arkansas Beta, “A Re-Written Story: ‘Biblical Womanhood’ and Conceptions of Christian Femininity.” The team members were Sydney Motl (English), Cora Saddler (English and Spanish), and Isabella Wood (psychology, Christian studies, and sociology). The faculty mentors for the Arkansas Beta team were Dr. Benjamin Utter and Chapter Advisor Dr. Myra Houser.

9:45 a.m.  Distinguished Alumni Award Presentation and Keynote Address
Dr. Rebekah Crowe, Texas Alpha Eta advisor, will introduce the chapter’s winning nominee for the 2022 national member award. Dr. Emily R. Smith, Wayland Baptist University and Alpha Chi alumna, is Assistant Professor of Surgery and Global Health, Duke Global Health Institute at Duke University. Council President Dr. David Jones will present the award to Dr. Crowe, who will accept it on behalf of Dr. Smith.
10:30 a.m.  **General Session: Recognitions and Honor**
A special plaque will be presented to the Texas Alpha chapter at Southwestern University to commemorate the 100th anniversary of where Alpha Chi began. This will be followed by the Distinguished Service Award presentation, a special Patricia A. Williams Chapter Member of the Year Award, a Chapter Activity Grant report from Southeastern University, and a chapter testimonial from the Menlo College delegation.

11:00 a.m.-12 p.m.  **Student Member & Alumni Presentations Session III** *(see detail on pp. 12-15)*
8 sections of student presentations grouped into rooms by academic discipline

11:45 a.m.-1:30 p.m.  **Professional Headshots** (limited slots available)

12:00-1:30 p.m.  **Boxed Lunches on the Lawn**

1:45-2:45 p.m.  **The Big Reveal—Voices of Alpha Chi** Oral History Project, Regional Scholarship winners, National Scholarship winners, Collaborative Research Competition naming and winner reveal, and the 2022 President’s Cup for Outstanding Chapter in the Nation is unleashed!

**The Future of Alpha Chi**—Join Region IV Student Representative Abigail Manis and Region VI Student Representative Ande Marini as they lead us in imagining what the Alpha Chi of the future might look like.

2:45-3:30 p.m.  **Future of Alpha Chi Discussion Groups**

4:00-6:00 p.m.  **Centennial Carnivale!**
We wrap up the convention in the same place it began—outside on the lawn! Join us for games, photos, “food trucks,” a trick roper, and vinyl spin art for a centennial celebration we’ll remember for years to come.
Friday, March 25
Session I (8:30 to 9:30 a.m.)

Section 1  American History ................................................................. Capitol A
Dr. Jeffrey Barnes, California Baptist University, Moderator
Dr. Karl Havlak, Angelo State University, Greeter

8:30  “A Comprehensive Analysis of the Founding Fathers’ Intentions Behind the Second Amendment”
Derek Schumacher, Oklahoma Epsilon, Oklahoma Christian University, Region II
The second amendment to the U.S. Constitution was passed within the Bill of Rights in 1791. With the founding of our
country so long ago, what did the writers of the Constitution and the Bill of Rights mean when they wrote and passed those
now infamous words into law?

8:45  “The Party’s Over: A Critical Overview of the American Communist Party and Their Role in Social Reform in
Early 20th Century America”
Price A. Tarbet, Texas Alpha Iota, Angelo State University, Region I
Today, the American communist movement is usually underrepresented in public education. An era of radicalism that
fashioned the communist movement generated the foundations necessary for workers’ protections, unemployment
insurance, and industrial unionism. I will overview why marginalized populations would find a needed political ally in a time
of under-representation.

9:00  “Without Boston…”
Meredith Wormsley, Tennessee Delta, Carson-Newman University, Region III
This presentation will show the importance of Boston to the foundation of the United States through the analysis of colonial
newspapers.

Section 2  Anthropology and Sociology ................................................. Capitol B
Dr. Michael Collins, William Penn University, Moderator
Dr. David Jones, Westminster College, Greeter

8:30  “Death and Healing: The Tragedies and Victories of Linguistic Diversity Around the World”
Luke C. Smith, California Zeta, Fresno Pacific University, Region VII
I speak English, one of the world’s most popular languages—but many people don’t. As they try to keep up with the world
by learning international languages, ancient tongues are lost forever. What we forget is that linguistic diversity is diversity
of thought, and that is worth saving.

8:45  “How Autistic Women Are Suffering Under Public Perception”
Abby Colleen Wray, Kansas Delta, Kansas Wesleyan University, Region IV
People today are uninformed about everyday struggles of autistic women, and there are still some who disbelieve the
existence of autistic women. My presentation is a stand against those that wish to erase us from history and educate those
on masking, stimming, under-diagnosis, and other issues.

9:00  “Let’s Talk: A Look at Public and Private Spheres in the Wake of YouTube Creator Culture”
Payton Herring, Texas Psi, Abilene Christian University, Region I
In an era where creators speak to an audience as a friend rather than a viewer, how has that impacted the mental and
physical wellbeing of the creators and audience? This presentation explores the importance of public and private spheres in
a culture that attempts to erase them for content.

9:15  “5 Generations, 1 Home: Communicating Between Generations”
Autumn Barr, Missouri Lambda, Missouri Western State University, Region IV
A look at how having different generations living in one house affects our communication styles
Section 3  Psychology ................................................................................................................. Capitol View Terrace North
Dr. Tanner Babb, University of North Carolina at Pembroke, Moderator
Dr. Kip Wheeler, Carson-Newman University, Greeter

8:30  “Psychological Distress on College Students During COVID-19”
Fredrik Ingul and Christian Ingul, California Delta, Menlo College, Region VII
In this paper, a data visualization approach is combined with current secondary research to measure which areas of higher education are most severely impacted by and drivers of psychological effects by the Coronavirus pandemic.

8:45  “The Effects of Twitter Posts Regarding COVID-19 Information on the Viewer’s Perception of Credibility: A Study on Misinformation”
Grace Long, Arkansas Eta, Harding University, Region II
Social media is an integral part of everyday life. Although originally meant for online connections, it’s also used to transmit lots of information, particularly misinformation. Recently, much of that misinformation surrounds COVID-19. In fact, social media users are being influenced by what they read regarding COVID, both positively and negatively.

9:00  “Religious Coping and Issues of Race During Global Pandemic”
Katie Walker, Texas Psi, Abilene Christian University, Region I
In March of 2020, the COVID-19 pandemic swept through the nation. Unfortunately, as a result, many people of Asian descent faced racial bias in the form of microaggressions and hate crimes around this time. This study is intended to understand how an individual’s religious coping influences racial bias.

9:15  “Perceptions of Youth Mental Health”
Kaitlyn Huizar, Texas Alpha Iota, Angelo State University, Region I
A look into the perspectives of parents, educators, and the healthcare system relating to youth mental health.

Section 4  Art, Music, and Dance Research ......................................................................................... Capitol View Terrace South
Dr. Graziana Ramsden, Massachusetts College of Liberal Arts, Moderator
Dr. June Hobbs, Gardner-Webb University, Greeter

8:30  “The Failure of Democracy According to Spike Lee”
Madeleine Conatser, Texas Psi, Abilene Christian University, Region I
This research acknowledges the way Spike Lee’s films provide insight on democracy within the United States and its failure to uphold the core value of equal representation.

8:45  “An International Journey through Filmmaking”
Alexandra Savu, Texas Alpha Omega, Southern Methodist University, Region II
My presentation is about the different styles of filmmaking, providing both an international and a historic approach to the cultural works of art created in the film industry throughout time.

9:00  “An Analysis of Hugo Wolf’s ‘Auch kleine Dinge’”
Madison Bolyard, West Virginia Epsilon, West Liberty University, Region V
Romantic composer Hugo Wolf is well known for intricately composing his German lied. His delicate song “Auch kleine Dinge” is no exception to this intricate composition. Through an extensive musical and poetic analysis, I have discovered that Wolf’s usage of simple and complex concepts makes this piece compelling.

9:15  “A Study and Comparison of Violence in Comedic Theatre from Aristophanes and Shakespeare”
Kaylee Hering, Missouri Sigma, Missouri Valley College, Region IV
A discussion of how violence can be used for comedy and how it’s funny.

Section 5  British Literature .................................................................................................................... Capitol F
Dr. Mikee Delony, Abilene Christian University, Moderator
Dr. Steve Hoekstra, Kansas Wesleyan University, Greeter

8:30  “Who is Sherlock? Sidney Paget and Conceptions of Arthur Conan Doyle’s Sherlock Holmes”
Allyson Butts, North Carolina Zeta, Gardner-Webb University, Region III
Sherlock Holmes is history’s best-known fictional detective, but modern conceptions of Sherlock differ extensively from the portrait provided by Arthur Conan Doyle’s stories. This presentation examines the role of magazine illustrator Sidney Paget in shaping cultural conceptions of Sherlock, arguing that visual and linguistic texts work together to produce meaning.
“Grace in Unknowing: Pearl’s Resistance to Figuralism and the Objectification of Grace”
Conner P. Crawford, Texas Psi, Abilene Christian University, Region I
The medieval dream vision poem Pearl contains an inherent tension in its use of and resistance to figuralism (describing the abstract in concrete language). This tension in its eschatology provides insight into a contextually subversive medieval understanding of grace and salvation.

Derek Driskill, Tennessee Delta, Carson-Newman University, Region III
Beaten, bound, and blinded, Samson is resigned to spend his days being ridiculed at the hands of his Philistine captors; however, his father is determined to keep this future from happening. Is Manoa a caring father, or does he have his own ulterior motives for seeking his son’s rescue?

“Critical Drinking: Analyzing Twelfth Night’s ‘Drunken Rogue’”
Laura Hand, California Zeta, Fresno Pacific University, Region VII
This paper considers how Shakespeare’s works might question issues of social class and exploitation through “the drunk” who is overlooked due to his comical antics, concealing how seemingly harmless behavior can be an abuse of power.

Section 6  Business Management
Dr. Craig Rogers, Campbellsville University, Moderator
Dr. Kathi Vosevich, Lindenwood University, Greeter

8:30  “Supply Chain Disruptions: Causes and Remedies”
Tori-Ann Francis, Iowa Iota, Waldorf University, Region IV
This presentation will highlight the current issues plaguing the manufacturing and supply chain industries. Some prominent factors include labor shortages, the Covid-19 pandemic, etc. It will also focus on possible remedies to combat these challenges.

8:45  “Characterizing the Lived Experiences of Shame in Accounting Students”
Grant Countess, Arkansas Eta, Harding University, Region II
Using interpretive phenomenological analysis, four accounting students were interviewed and their transcripts analyzed to characterize their lived experiences of shame in their internships from the summer of 2021.

9:00  “The Lack of Proficiency on Financial Literacy in Primary and Secondary Education”
Autumn Paulson, Iowa Iota, Waldorf University, Region IV
The presentation is to direct attention to the lack of financial literacy taught in schools and the financial impacts it has long term on individuals.

9:15  “Continuous Improvement: A Modern-Day Practice”
Mordecai Nsabaah, Iowa Iota, Waldorf University, Region IV
Continuous improvement principles to apply to your business and daily life.

Section 7  Communication
Dr. Jessica Henry, Hastings College, Moderator
Dr. Teddi Deka, Missouri Western State University, Greeter

8:30  “Communications Media Internship - Portfolio”
McKenna Clouse, Iowa Iota, Waldorf University, Region IV
Want to know what it’s like working for an elite juniors’ hockey team? Check out what goes on behind the scenes of their social media front.

8:45  “Mass Media’s Influence on Body Image”
Rebecca Reeves, Texas Beta, University of Mary Hardin-Baylor, Region I
Come hear how mass media affects how men and women view themselves and the effects it can have on one’s body.

9:00  “Othered: The Black and White Portrayal of Neurodiversity in Grey’s Anatomy”
Demitra Tomasides, Texas Alpha, Southwestern University, Region I
By understanding disability as socially constructed, we can study it as a critical theory and apply this theory to a more accessible world. This paper takes a highly popular TV show, Grey’s Anatomy, and grounds its portrayal of neurodiversity in the context of this theoretical debate.
Dissecting the Lipase Inhibitory Functions of ANGPTL3 by Site-Directed Mutagenesis

Rakshya Thapa, Iowa Iota, Waldorf University, Region IV

My presentation is about the use of ANGPTL3 mutants to determine the protein residues important for inhibition of lipase activity that can eventually help us figure out if there are any ANGPTL3 mutants out there which are specific about their inhibition of lipase activity.
Friday, March 25
Session II (11:30 a.m. to 12:30 p.m.)

Section 10  American History and World History .................................................................Capitol A
Dr. Rebekah Crowe, Wayland Baptist University, Moderator
Dr. Susan Hammond, Faulkner University, Greeter

11:30  “God’s Promise to George Washington: A vaticinium ex eventu”
Mason Strand, Texas Alpha Delta, Texas Lutheran University, Region I
The vaticinium ex eventu is traditionally a theological prediction of events after the events have already occurred. This paper presents an example of a vaticinium ex eventu on the history of the United States from 1777 to the present day from a historical and theological perspective.

11:45  “The Show Must Go On: The Rise, Fall, and Preservation of the Fox West Coast Circuit”
Kyle Joseph Winn, California Iota, California State University, Bakersfield, Region VII
Once the grand movie palaces of the West Coast, the theaters of the Fox West Coast Circuit have endured decades of neglect and abuse. I’ll explore efforts to revitalize these historic theaters and recommission them as the entertainment cores of their respective communities.

12:00  “The Cabinet of Dr. Caligari: Mental Anguish for All”
Ansley Parker, Tennessee Delta, Carson-Newman University, Region III
The horrific experiences faced by soldiers in World War II are terrifyingly displayed through the set design of German Cinema, specifically The Cabinet of Dr. Caligari.

12:15  “Dynastic Legacies: The Warring States to the Qing”
Peace Ajiriotutu, North Carolina Kappa, University of North Carolina at Pembroke, Region III
Every Chinese dynasty was created and destroyed by one thing, the “Dynastic Cycle.” This presentation explores the nitty-gritty details of the “Dynastic Cycle,” also known as the rise and fall of the seven most prominent Chinese Dynasties: the Qin, Han, Tang, Song, Yuan, Ming, and Qing.

Section 11  Anthropology and Sociology ...............................................................................................Capitol B
Dr. Leslie DeArman, Southern Methodist University, Moderator
Dr. Tanner Babb, Huntington University, Greeter

11:30  “Impacts of Control and Stress on U.S. Army Veterans: The Role of Alcohol and Tobacco as Coping Mechanisms”
Hannah Irving, North Carolina Kappa, University of North Carolina at Pembroke, Region III
The U.S. Army has long been an institution exercising extensive control of its members. This study investigates how this control and stress drive substance use among service members and whether tobacco or alcohol use decreases after participants retire.

11:45  “The Birth of a Social Welfare System Amid the 16th Century Reformation”
Veronica I. Mendez Garcia, California Zeta, Fresno Pacific University, Region VII
This presentation will shed light on steps taken predominantly by religious factions toward the social welfare system in Europe during the 16th century which were eventually approached by the government. It will engage the intersection between church and government in their assistance to help those in need.

12:00  “Anabaptist Understandings of Health and Healing: History and Current Implications”
Magdalena R. Wenger, California Zeta, Fresno Pacific University, Region VII
Religious belief and understanding of health and healing are intimately connected for many religions. Anabaptist groups, which formed in the 1500s, have held unique health beliefs throughout history. Today these beliefs have important implications for anthropologists and healthcare providers dealing with these groups.

12:15  “Overcoming Disability and Becoming Successful”
Jarrod Neal Flaming, Arizona Alpha, Grand Canyon University, Region VII
I’ll share my story of being harshly judged for having a learning disability and how I still achieved success.
Section 12  Psychology ......................................................................................................................... Capitol View Terrace North
Dr. David Jones, Westminster College, Moderator
Dr. Joni Lindsey, Lake Superior State University, Greeter

11:30  “Rat Basketball: A Pilot Study”
Anthony Sarmiento, Texas Alpha Iota, Angelo State University, Region I
There has not been one person who has heard “rat basketball” and not wondered what it could be. It brings a lot of different emotions to people because of the fear of rats and is an intriguing study.

11:45  “Mental Health Curriculum in Texas Public Schools”
Erica Martinez, Texas Alpha Xi, University of Texas at Tyler, Region II

12:00  “Nomothetic Factors Affecting the School Shooter: The Impact of Physical/Emotional Abuse Experiences, Violent Video-Game Desensitization, and Firearm Accessibility”
Shinead Promnitz, Iowa Beta, William Penn University, Region IV
My paper investigates factors contributing to violent adolescents, specifically school shooters. Attention is centered on such issues as physical and emotional abuse experiences, violent video-game desensitization, and firearm accessibility.

12:15  “TBI Partner Caregivers’ Perceptions of Interventions and Positivity During Post Acute-Care Experiences”
Vivian Harvey, Arizona Alpha, Grand Canyon University, Region VII
A review of doctoral research conducted to better explain how the experience of a partner’s traumatic brain injury (TBI) impacts the loved one left caring for them. This research uses the PERMA model of positivity (Dr. Seligman) and explores how these caregivers experience interventions and remain or struggle with positivity.

Section 13  Performing Arts ...................................................................................................................... Capitol View Terrace South
Dr. Bruce Moser, Gardner-Webb University, Moderator
Dr. Angela Haas, Missouri Western State University, Greeter

11:30  “Motivic Development in The Psalm of Taïos”
Caleb Etchison, North Carolina Zeta, Gardner-Webb University, Region III
This presentation will examine how I meticulously crafted an original piece for full orchestra by developing three motives derived from the composition’s main theme.

Section 14  Shakespearean, British, and American Literature ................................................................. Capitol F
Dr. Pamela Johnston, Fresno Pacific University, Moderator
Dr. Marshall Johnston, Fresno Pacific University, Greeter

11:30  “Til Death Do Us Part: Criminal Forensics and the Partnership of Macbeth and Lady Macbeth”
Lillian Claire Deal, Tennessee Delta, Carson-Newman University, Region III
This presentation explores the criminal dynamic of two infamous Shakespeare characters, and how their individual pathologies ultimately led to the partnership’s downfall.

11:45  “His Wrinkled Front’: The Deformity of Richard III and Its Implications for the Tudor Myth”
Kaitlyn Doolittle, California Zeta, Fresno Pacific University, Region VII
Richard III was not the only evil ruler in England; however, we must look at Richard’s deformity through the eyes of Shakespeare in order to see the true nature of the Tudors.

12:00  “Brontë and Modern Day: Romanticizing Toxic Relationships in Wuthering Heights”
Skye Gill, Texas Psi, Abilene Christian University, Region I
This essay analyzes the impact of toxic relationships and how they are romanticized throughout the book Wuthering Heights by Emily Bronte. Understanding the characters and their situations in this book helps explain how these patterns still contribute to unhealthy relationships in current society.

12:15  “From Monstrosity to Maternity: A Feminist Analysis of the Revolving Role of Maleficent in Fairy Tale Film Adaptation”
Emily King, Texas Psi, Abilene Christian University, Region I
An investigation of the quintessential female villain in the well-known fairy tale “Sleeping Beauty,” focusing on how the role of Maleficent has changed in selected adaptations over the last two hundred years. I use the Grimm Brothers’ Little Briar-Rose (1812), Sleeping Beauty (1959), and Maleficent (2014).
Can a mushroom solve a murder? Forensic mycology, the analysis of fungi found during criminal investigations, can provide unique information about the time and date of death. By analyzing the succession rates of fungi found on cadavers, it is possible to determine the postmortem interval of indoor and outdoor cadavers.
12:00  “Morphological and Molecular Characterization of Invasive Species of Melons from Central America”
Marissa McHugh, Oklahoma Gamma, East Central University, Region II
Our lab is investigating invasive species that are imported on fruit into the U.S. from Central America. Laboratory results reveal morphological and molecular variation from species currently in the U.S. These species may prove to be more virulent on plants and/or animals than indigenous species.

Section 18  Computer Science/Engineering ................................................................. Bickler
Dr. Darby Hewitt, Abilene Christian University, Moderator
Dr. Sharon Brown, Tennessee Wesleyan University, Greeter

11:30  “The Price of Intellect: How Artificial Intelligence Will Transform the American Job Market”
Gracie Crabtree, Tennessee Nu, Milligan College, Region III
With the expansion of technological capabilities comes a shift in economic standards. This presentation will offer a look into the future as it debates whether the boom of artificial intelligence will bring comfort or catastrophe into our everyday lives.

11:45  “Quality Assurance in the Field of App Development”
Ofek Malul, North Carolina Omicron, Catawba College, Region III

12:00  “Target-Based Image Evolution Using Quality Diversity Based Exclusively on Genome Complexity”
Anna Wicker, Texas Alpha, Southwestern University, Region I
This research focuses on recreating a target image by categorizing and evolving artificially produced images. Images chosen to evolve are grouped in different ways, producing final results that vary in similarity to the target. Ultimately, a simpler grouping mechanism produces results that better match the target.

Saturday, March 26
Session III (11:00 a.m. to Noon)

Section 19  Education ........................................................................................................... Capitol A
Mrs. Megan Winn, Abilene Christian University, Moderator
Dr. Myra Houser, Ouachita Baptist University, Greeter

11:00  “When Am I Ever Going to Use This? An Exploration of Effective Mathematical Education”
Matthew Smith, North Carolina Omicron, Catawba College, Region III
The easy way to teach math is not always the most effective way. Many students have a negative perception of math because of the way math is taught, not because of math itself. This presentation explores what one aspiring educator has learned about effective math education.

11:15  “Influence of Visual Scaffolding on Elementary Student Comprehension and Completion in an Outdoor Science Inquiry”
Rachel Lincoln Seets, Texas Iota, Texas State University, Region I
This study provides an insight into best practice for designing educational, self-guided, outdoor activities that promote science skills in learners.

11:30  “A Mixed-Methods Investigation of First-Year Learning Communities in a Private, Midwestern University”
Elaine M. Ragland, Ed.D., Missouri Pi, Lindenwood University, Region IV
The purpose of this study was to investigate how students and faculty experienced their participation in a learning community pilot project, or why students and faculty would engage in learning communities. What makes a learning community successful for student and faculty participants?
11:00  “The Impact of Squatober on Peak Power Output of the Lower Extremity.”
Nicholas Maxwell Farkas, Iowa Iota, Waldorf University, Region IV
High-frequency resistance training of the same muscle group can result in positive adaptations as long as volume, intensity, and recovery are properly managed. This was a case study on the popular Squatober program that is widely available and involves back-squatting every weekday for the entirety of October.

11:15  “Effects of COVID-19 Lifestyle Changes on Eating Habits of Individuals and Families: Is There an Increase in Obesity and Other Health Problems?”
Gwyneth Hadasa, Arkansas Beta, Ouachita Baptist University, Region II
The COVID-19 pandemic forced individuals to quarantine at home, resulting in changes in diet and physical activities. This research looked at how the pandemic affected lifestyle factors that may contribute to weight gain and obesity at Ouachita Baptist University.

11:30  “Why We All Need To Squat”
Tressa Reading, Texas Alpha Iota, Angelo State University, Region I
Everybody needs to squat. You, me, and the person right next to you need to squat. Squatting has the potential to keep us physically independent and out of a nursing home. Join me as I discuss the short-term and long-term benefits of this all-important movement!

11:45  “Benefits of Using Movement Over Medicine in Hypertension”
Megan Wilkinson, Alabama Delta, Faulkner University, Region III
My presentation will explore what hypertension is, what types of drugs are used in treating this condition and their effects, and how the benefits of exercise can be more beneficial to the treatment of hypertension.

11:00  “The Effects of Musical Experience and Aptitude on Phonological Skills in a Foreign Language”
Joshua Shockley, Arkansas Eta, Harding University, Region II
This presentation continues the investigation of how musical aptitude and background may affect L2 learning, specifically in Spanish, and what the connection is with these factors and the suprasegmental aspects of language for learners. The results help continue to discuss how this phenomenon may present itself differently in different languages.

11:15  “Beyond the Borders: The International Student Experience and Intercultural Communication Competence”
Kianté T. Stuart, Nebraska Alpha, Hastings College, Region IV
I left my home country, the Bahamas, at the age of 17 to pursue an undergraduate degree. For the first time, I experienced what I grew to learn was culture shock. I wasn’t alone, because hundreds of international students share my experience. Allow me to tell you more!

11:30  “From Concept to Completion: The Journey of Developing a Website as a Platform to Support Education in the USA”
Murad Hazhibayev, Iowa Iota, Waldorf University, Region IV
This is a passion project that draws on my guiding principles of giving back to the community. After previously volunteering in an education center, I set my heart on a journey to create an online platform to increase information accessibility for students aspiring to enroll in a U.S. university.

11:45  “Attachment Styles and the College Transition”
Shannon Buehre and Hannah Shoemaker, Missouri Lambda, Missouri Western State University, Region IV
Section 22

Original Visual Art ........................................................................................................................................... Capitol View Terrace South
Dr. Linda Cowan, West Liberty University, Moderator
Ms. Sarah Pivonka, Texas State University, Greeter

11:00 “Pacific Data Mall—Building A Liminal Space In VR”
Tanner D. Luce, Texas Beta, University of Mary Hardin-Baylor, Region I
Experience a liminal world of dot-com era 1990s graphics, empty halls, continually passing time with Pacific Data Mall.

11:15 “Colorful Meanings: A Trip Around Minneapolis and St. Paul to Discover Different Artistry and What it Means”
Charlotte Wright, Iowa Iota, Waldorf University, Region IV
Learn the meaning behind the colorful murals in the Twin Cities of Minnesota and how different people perceive them!

Section 23

Mathematics ......................................................................................................................................................... Capitol F
Dr. Agashi Nwogbaga, Wesley College, Moderator
Dr. Teagan Decker, University of North Carolina at Pembroke, Greeter

11:00 “Extremal Problems in Vertex Coloring”
Larry Ethan Baker, Tennessee Xi, University of Tennessee Southern, Region III
We will discuss vertex coloring and extremal problems and the largest k-chromatic graphs on n vertices, which are Turan graphs. Then we will discuss the smallest k-chromatic graphs on n vertices, which are color critical graphs.

11:15 “Narcissistic Decimals”
Lucy Jewel Johnson, Tennessee Iota, Freed-Hardeman University, Region III
There are numbers in Recreational Mathematics that are completely obsessed with themselves called the Narcissistic Numbers. Further research and mathematical proofs have uncovered a new set of numbers in the decimals with equally narcissistic behavior.

11:30 “Forms of Engagement in Mathematics and Roles in Mathematics Culture”
Joni Lindsey, Ph.D., Texas Iota, Texas State University, Region I
An insight on how the use and application of mathematics reveals what roles we play in the culture of mathematics.

11:45 “Arithmetic Squares”
Emily Franklin, Texas Alpha Eta, Wayland Baptist University, Region I
An arithmagic square is an n x n square with integer entries such that the sums of each column, row, and diagonal make up an arithmetic progression. We completely classified this new field of research, based on the the ancient field of magic squares.

Section 24

Health Sciences ....................................................................................................................................................... Capitol G
Prof. Lauren Johnson, University of Texas at Tyler, Moderator
Dr. Melba Horton, Southeastern University, Greeter

11:00 “An Analysis of Hospital Waste Management Policies in North Carolina: Efficacy, Impacts, and Advancements”
Grace Burgin, North Carolina Zeta, Gardner-Webb University, Region III
“Red bag abuse” is an expensive practice that burdens the healthcare system and the environment, and it occurs largely due to a lack of knowledge on proper medical waste management. I propose that more facilities display infographics that are easily accessible to employees that remind them of the waste policies.

11:15 “The Effectiveness of Sensory Integration Therapy on Maladaptive Behaviors in Children with ASD Ages Three to Twelve: A Systematic Review and Meta-Analysis”
Sarah Elizabeth Humphrey, Tennessee Delta, Carson-Newman University, Region III
ASD is a lifelong neurobiological disorder that affects the sensory integration and processing functions of individuals. Deficits in processing sensory stimuli resulting from ASD may result in maladaptive behaviors that diminish the child’s functional capabilities.

11:30 “Synapse Specific Dysregulation of Homeostatic Scaling in Alzheimer’s Disease”
Lindsey Morais, West Virginia Epsilon, West Liberty University, Region V
Dysregulation of synaptic homeostatic scaling is among the earliest signs of Alzheimer’s disease (AD). How these processes are impacted at individual synapses is not understood. Using STED super-resolution imaging of single synapses, we show that Amyloid-beta-produced during AD differentially impacts homeostatic scaling in small and large spines.
Section 25  Political Science and Economics  
Dr. Amanda Ford, Carson-Newman University, Moderator  
Dr. David Jones, Westminster College, Greeter  

11:00  “The Effects of Mexico’s Transition to Democracy on the Mexican Supreme Court’s Independence”  
Jacob A. Alvarez, North Carolina Kappa, University of North Carolina at Pembroke, Region III  
This paper examines the independence of Mexico’s highest court across the past century. It makes the central argument that Mexican, national-level, judicial behavior is the result of historical misfortune. The de facto judicial independence of the Mexican Supreme Court cannot be said to have benefited greatly from the democratic transition.

Erika James, Indiana Beta, Huntington University, Region V  
A new phenomenon has stemmed from a facet of the U.S. Supreme Court which had already been established and utilized. In this presentation, I will present my research on the shadow docket, where it came from, and the consequences it has on the American public.

11:30  “Investing at an Early Age”  
Maria Alejandra Nunez Reina and Flavio Kaneko, Tennessee Gamma, Tennessee Wesleyan University, Region III  
My co-presenter and I will talk about the importance of investing at an early age.

11:45  “Capitally Screwed: How the Tax Code Prefers the Rich Over the Rest”  
Luke M. Colvard, California Zeta, Fresno Pacific University, Region VII  
While phrases like “tax the rich!” are familiar to most, many are unfamiliar with the abundance of carve-outs in the Tax Code that benefit the ultra-wealthy. This presentation pulls back the curtain on one key carve-out, capital gains taxation. Instead of shouting “tax the rich,” I show how to.

Section 26  Religion and Philosophy  

Dr. Christopher Libby, Missouri Valley College, Moderator  
Dr. Jacquelyn Kegley, California State University, Bakersfield, Greeter  

11:00  “Examining the Role of Omens in Ancient Roman Culture”  
Danya Imelda Gonzalez, California Zeta, Fresno Pacific University, Region VII  
My presentation reflects on the various ways in which omens acted as a means of communication between the gods and the Ancient Romans through the integration of omens and divination practices in Ancient Roman culture throughout civic life, religious practices, political, and military actions.

11:15  “A Phenomenological Study to Describe the Experience of Being Slain in the Spirit”  
Jared Michael Yanez, Texas Psi, Abilene Christian University, Region I  
I’ll present the results of a phenomenological analysis of being slain in the Spirit, a spiritual experience common to Pentecostal denominations and charismatic traditions in Christianity.

11:30  “Rethinking Disability in the Church: Dialogue, Communion, and Integration”  
Elaina M. Brooks, Texas Alpha Delta, Texas Lutheran University, Region I  
In this presentation I hope to lend support to a manner of relating which does not view “disability” or “strength,” need or contribution, in a myopic fashion, but encourages members of the Church to seek, with time and effort, more integrated and nuanced relationships with others and the Divine.
National Council of Alpha Chi

*(prior to convention-year elections)*

2019-23 At-Large Faculty Members
Linda Cowan, West Liberty University (V) ................................................................. 2019-23
June Hobbs, Gardner-Webb University (III) ............................................................ 2015-19, 2019-23
Steve Hoekstra, Kansas Wesleyan University (IV) ................................................. 2019-23
Kip Wheeler, Carson-Newman University (III) ......................................................... 2019-23

2021-25 At-Large Faculty Members
Jeffrey Barnes, California Baptist University (VII) ....................................................... 2021-25
Bonita Cade, Roger Williams University (VI) .......................................................... 2013-17, 2017-21, 2021-25
Jessica Henry, Hastings College (IV) ........................................................................ 2021-25
Agashi Nwogbaga, Wesley College (VI) ................................................................. 2017-20, 2020-21, 2021-24

Regional Secretary-Treasurers
Region I Karl Haviak, Angelo State University ....................................................... 2010-14, 2014-18, 2018-22
Region II Kate Stewart, University of Arkansas at Monticello ............................... (A-L 2011-15) 2020-24
Region III Fabrice Poussin, Shorter University ......................................................... 2020-24
Region IV Teddi Deka, Missouri Western State University ..................................... 2016-20, 2020-24
Region V Craig Rogers, Campbellsville University .................................................... 2014-18, 2018-22
Region VI Ken LaSota, Robert Morris University ...................................................... 2012-16, 2016-20, 2020-24
Region VII Jackie Kegley, California State University, Bakersfield .................... 2017-20, 2020-21, 2021-24

Regional Student Representatives, 2021-23
Region I Uriel De La Rosa, Texas State University .................................................... 2021-23
Region III Briana Lay, Carson-Newman University .................................................. 2021-23
Region V Mackenzie Jacobs, West Liberty University ............................................ 2019-21, 2021-23
Region VII Carson Vollmer, California State University, Bakersfield ................... 2021-23

Regional Student Representatives, 2020-22
Region II Addison Schwamb, Oklahoma Christian University ............................... 2018-20, 2020-22
Region IV Abigail Manis, Lindenwood University .................................................. 2020-22
Region VI Ande Marini, Saint Vincent College ....................................................... 2018-20, 2020-22

National Council Executive Committee
Kathi Vosevich, Lindenwood University, Vice President ..................................... 2017-19, 2019-23
At-Large Member 2009-13, 2013-17, 2017-21
Karl Haviak, Angelo State University, Secretary .................................................. 2019-23
Lara Noah, Executive Director (ex-officio) ............................................................. ED start date Sep. 1, 2018

Regional Presidents & Vice Presidents
*These along with the regional secretary-treasurers and student representatives above comprise the regional executive committees.*

Region I
President: Rebekah Crowe, Wayland Baptist University ........................................ 2020-22
Vice President: Jennifer Huddleston, Abilene Christian University ...................... 2020-22

Region II
President: Myra Houser, Ouachita Baptist University ............................................ 2020-22
Vice President: Micheal Tarver, Arkansas Tech University .................................. 2021-22

Region III
President: Laura Steil, Mars Hill University .......................................................... 2020-22
Vice President: Maria Zalduondo, Bluefield College ............................................. 2021-22

Region IV
President: Owolabi Tiamiyu, Harris Stowe State University ................................. 2020-22
Vice President: Justine Pas, Lindenwood University ............................................. 2020-22

Region V
President: Ruth Nalliah, Huntington University .................................................... 2018-20, 2020-21, 2021-22
Vice President: Jason Parks, Anderson University ................................................ 2018-20, 2020-21, 2021-22

Region VI
President: Agashi Nwogbaga, Wesley College ..................................................... 2020-22
Vice President: Victoria Neagoe, Goldey-Beacom College ................................. 2020-22

Region VII
President: Marshall Johnston, Fresno Pacific University ...................................... 2018-20, 2020-21, 2021-22
Vice President: Breanna Naegeli, Grand Canyon University ............................... 2018-20, 2020-21, 2021-22