

4th Annual Simpson Student Research Symposium Presentation and Poster Abstracts

[updated 2/21/14]

Saturday, March 1st, 2014
9:00am to 5:00pm

LaBaume-Rudat Hall
Simpson University
Redding, CA

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Undergraduate Student Presentation Abstracts (20 total)

Name: Kristin Caynor

Degree Program: Bible and Theology

Presentation Title: “The Surgery of the Gods”

Presentation Abstract: In the novel "Til We Have Faces", written by C.S. Lewis, the main character Orual is being prepared for “the surgery of the gods”, which occurs in a face-to-face encounter with the divine. This paper begins to examine the ways in which Lewis's readers are themselves being prepared for this divine surgery, simply through engaging in the story of Orual. How the Christian theological concept of "logos" and Christian use of narrative come to bear in this is also shown, and issues of doubt and faith in the life of the believer are wrestled with. It is ultimately through a face-to-face encounter with God that He "heals all my diseases" and "redeems my life from the pit", and one of the primary ways that we are prepared for this cataclysmic event is through narrative. I will show how this narrative of C.S. Lewis goes beyond his propositional work in apologetics, to bring readers into a true encounter with God.

Name: Daniel Cross

Degree Program: History

Presentation Title: “Pentecostal Conceptions of Divine Healthcare”

Presentation Abstract: When one thinks of history there are many facets of the human experience that tend to come to mind. Some of the most prominent of these would be ancient civilizations, battles, kings and queens, belief systems, wars, and philosophies. In my opinion, the ideas and concepts that define people groups constitute the most significant aspects of history. One fascinating people group is the Pentecostals who, under the banner of Charismatic Christians, numbered approximately 250 million as of December 2011 . Pentecostalism is a sectarian belief system categorized under Conservative Evangelical Protestantism known widely for the expression of the Charismata or spiritual gifts. Of particular note is this group’s beginnings in the nineteenth century and its development into the twentieth century. In this time period, the Pentecostals, as a unit, first appeared, developed, and crafted their own identity. It is the goal of the author to track and show the significance of the development of divine healing theology in Pentecostal circles from the nineteenth century to the early twentieth century via examining the popular leaders John Dowie, Mariah Woodsworth-Etter, and John G. Lake while also demonstrating the importance of understanding four important ideas drawn from their ministry; God heals via many varied methods, God is a healer by the very definition of his character, divine healing and medicine can interact positively, and God will use any Christian who pursues divine healing.

Name: Michelle Malavong

Degree Program: History

Presentation Title: “How Patriarchy Has Shaped The Civil Rights Movement: Beyond Rosa Parks and Her Tired Feet”

Presentation Abstract: When people think of the Civil Rights Movement, men such as Martin Luther King Jr. and Malcolm X come to mind, but there is also Rosa Parks. I questioned whether or not Park's only contribution to the movement revolved around tired feet? This also led me to question whether or not other women participated in the movement as well. And if there were women participants, what restricted them from being nationally and popularly recognized? In my research, I discovered, not only did women participate in the movement, their presence outnumbered that of men. Although there are a multitude of reasons that contributed to the overshadowing of women, through my personal research, I conclude that patriarchy was the major contributing factor. And throughout my paper, I provide examples and evidence of how the patriarchal system shaped women's involvement.

Name: Sara Briley

Degree Program: Outdoor Leadership

Presentation Title: “NO TITLE”

Presentation Abstract: When Jesus was asked what is the greatest commandment, he gave two answers. First being to love the Lord God with all our hearts and secondly to love our neighbors as ourselves (Matthew 22). This presentation will explore how loving our neighbor is directly connected to our environmental choices. More specifically it will focus on how reducing our waste is one way to fulfill this command of loving our neighbor given by Jesus. It will also provide some practical application on how to begin to reduce waste in our lives and some introductory materials for developing an environmental ethic from a Christian perspective.

Name: Stephen Lennstrom

Degree Program: Theology/Psychology

Presentation Title: “Racial Healing - A Historical Analysis”

Presentation Abstract: The Foursquare denomination, as with the Christian church in general, began in a spirit of multiculturalism and social justice. Its founder Aimee Semple McPherson and other early leaders often discussed issues of race relations, though often their ideas regarding oppression were underdeveloped. As time progressed, however, the emphasis put upon social justice began to decline and ultimately was replaced by the predominate view within culture shaped by prejudice and stereotypes. Four different reasons are given as to how this transition was able to take place noting the rise of anti-Communism, an over-emphasis on evangelism, the belief that personal salvation would lead to social change and a bias towards individualism. Discussion around these topics will explore how healing between races must occur within the context of Evangelical America.

Name: Rachel Coles

Degree Program: English

Presentation Title: “The Christian's Education”

Presentation Abstract: My essay grows out of the ideas that C.S. Lewis presents in his sermonic essay “Learning in Wartime,” in which he claims that learning, and the arts more specifically, have the potential to flourish if submitted to the glory of God. This paper discusses the values of integrating faith and learning through the creation of “Christian” colleges and universities. While it advocates the need for Christians to consider questions of faith during their education, it explores the many advantages of receiving an education through a Christian institution. My essay claims that education does not only relay information, but has a relational purpose that more fully connects God and humanity. I argue that a Christian institution of higher learning should provide an environment that fosters spiritual awareness and appreciation of knowledge and life. Further, I also argue that Christianity sees humanity as a whole and gives meaning to the individual Christian’s education. Education, in this sense, is necessary for understanding God and making the Christian individual into a stronger advocate for the Christian faith.

Name: Grace Slowik and Jordan Widler

Degree Program: Cross Cultural Studies

Presentation Title: “Explaining the Supernatural: Various Perspectives on Physical Healing”

Presentation Abstract: This is an observational project on how physical healing is understood and practiced within different denominations. Our method of conducting research was attending church services to understand how healing is practiced in the congregation as well as observe cultural and economic status of the participants. We also used informal interviews to ask specific questions on healing practices from a congregant’s perspective. Some of these questions include: how often healing is practiced, who is eligible to pray for healing, and what is the reason for an unanswered healing prayer. The implications of this study would suggest that understanding of healing is related to both cultural and economic factors. What the congregation believes about the supernatural could also be a determining influence in the way healing is viewed. The local churches interviewed included a wide variety of beliefs about both the supernatural and healing as well as the role of prayer in all of these. The goal of the research study is to increase awareness of various church perspectives on healing and to continue to unify Christians in their shared understanding of the power of Christ. Ultimate healing of the church as a whole could be accomplished through dialogue and discussion about these matters.

Name: Kevan Corella

Degree Program: Psychology

Presentation Title: “Postnatal Secondhand Smoke: Health Risks for Infants and Children”

Presentation Abstract: Secondhand Smoke (SHS) also known as Environmental Tobacco Smoke (ETS) creates significant health risks for anyone who encounters it, especially children (Öberg, Jaakola, Woodward, Peruga, & Prüss-Ustün, 2010). Exposure to ETS is currently underestimated, as many sources of exposure are not widely recognized (Matt et al., 2004). Exposure to SHS creates unnecessary harm for children, which leads to many illnesses such as respiratory infections, increased blood lead levels, and even premature death or Sudden Infant Death Syndrome (SIDS) (Blair et al., 1996; Jarvie & Malone, 2008). Although many policies have been created to help prevent exposure to SHS, smoking is largely unregulated in homes, which is the main source of exposure for children (Jarvie & Malone, 2008). This article provides a glance into the issue to provide a basis for future policies protecting children from SHS.

Name: Yesenia Guijarro

Degree Program: Psychology

Presentation Title: “Cognitive Behavioral Treatment for Schizophrenia”

Presentation Abstract: Schizophrenia is a mental illness affecting many people around the world. It is an illness that distorts someone’s mentality cognitive and emotional function and a person’s ability to live a normal healthy life (Mueser & McGurk, 2000). There are a variety of treatments that have been tested and used to alleviate the symptoms of schizophrenia, the most common being medication. However, studies have shown that there are other forms used to treat this mental illness besides medication. These include psycho-social therapies; such as cognitive behavioral therapy (CBT). This paper will present research on treating symptoms of schizophrenia with CBT, including effectiveness, limitations, and future research of cognitive behavioral therapy.

Name: Nikki Miller

Degree Program: English

Presentation Title: “Pain in C.S. Lewis’s ‘Till We Have Faces’ and ‘Perelandra’”

Presentation Abstract: Pain is a subject on which CS Lewis focused throughout his life. The pain and suffering Lewis experienced helped him write his book about pain called *The Problem of Pain*. This work explains why pain and suffering exist. Lewis argues that pain and suffering exist to remind humans that our will is insufficient to the Creator’s will. The reason he offers for the existence of pain and suffering in the world are retold in his two novels *Perelandra* and *Till We Have Faces*. Both novels incorporate two types of pain: physical pain and psychological pain. This is an important distinction because one can and will experience physical pain and psychological pain when physical pain comes before psychological pain, but one does not have to experience psychological pain first in order to experience physical pain. *Perelandra* and *Till We Have Faces* make it

clear that physical pain must be followed by emotional pain, so a person can learn that their will is incongruent with the Creator's will.

Name: Amy Haley

Degree Program: English

Presentation Title: "An Obligation to Learn Well"

Presentation Abstract: My paper challenges the popular notion that Christian higher education lacks a necessary objectivity and disinterest, arguing, in contrast, that the integration of faith and learning actually provides a more holistic and fulfilling education. My paper examines several popular critiques of Christian higher education's insufficiencies and limitations and offers the counterargument that successful Christian education examines other perspectives and worldviews and that its students should allow their faith to influence their studies while simultaneously allowing their studies to help shape and define their faith. The elements of the paper are tied together by looking at C.S. Lewis's thoughts and arguments for Christian higher education in his essay "Learning in War-Time," particularly his conviction that "human culture"—created by God—always falls under the domain of Christianity and that, as Christians, we are given the task of defending those who are uneducated against the lies of a secular world.

Name: Brent Aaronson

Degree Program: Biology

Presentation Title: "Determination of the Presence of Giardia Lamblia at Specific Locations on the Campus of Simpson University"

Presentation Abstract: The purpose of this pond study was to assess whether Giardia lamblia was present in the pond on the Simpson University campus. Tempest Dawson, who graduated in April 2013, started the project. Tempest tested only one site in the pond for Giardia. It was thought that the presence of the geese and deer, known carriers of the parasite, could have brought the parasite into the pond water. The parasite invades and coats the lumen of the intestinal tract, absorbing nutrients and performing anaerobic respiration. Brent and Brian decided to improve the method by sampling four different sites around the pond, as well as a fifth site that was around the campus in a place that Giardia was more likely to be present. The purpose of this additional site was to see if the kit did in fact work as it was supposed to. Samples of 150 mL were taken from each site and 100 mL were filtered into lysis tubes. Once washed and lysed, the samples were prepared for a reverse transcriptase polymerase chain reaction (RT-PCR) and the samples were amplified. The amplified samples were then run through a gel electrophoresis using 1.5 % agarose to detect the presence of 250 base pair DNA sequence found in only in Giardia. The five gels were completed and all sites tested negative for Giardia. All assays included a positive control mRNA sample from Giardia in order to avoid "false negative" results.

Name: Jaclyn Drapeau

Degree Program: English

Presentation Title: “Beyond the Veil: The Roles of Myth and Sacrifice in the Fiction of C.S. Lewis”

Presentation Abstract: For a long while, C.S. Lewis denied the power of God until disbelief slowly faded away. One tool that Lewis credits with helping to remove this veil of disbelief was the concept of myth, a story that conveyed essential truth in an artistic form. Lewis incorporated the use of myth into many of his own fiction stories and embedded within it pictures of Christ’s sacrifice. Rather than creating an allegorical story that corresponds directly to the passion of Jesus (because things never happen the same way twice), Lewis created a “Supposed,” inviting the reader to imagine that his story really happened at some other place and time. This paper focuses on Lewis’s use of myth and sacrifice in the novels *Perelandra* and *Till We Have Faces* and how he used it to reveal truth about creation’s need for salvation.

Name: Stephen Lennstrom and Alyssa Moreno

Degree Program: Psychology

Presentation Title: “Racial Prejudice and Community Healing”

Presentation Abstract: In order to better understand race-relations at Simpson University, research was conducted on campus through the Psychology department with the purpose of assessing levels of implicit racism. The project was designed and conducted by Stephen Lennstrom and Alyssa Moreno during a Statistics and Research Methods class. Student participants read and signed a consent form before hearing a fictitious account of a murder case wherein a suspect has been implicated with poor, eye-witness evidence. Participants were then presented with a picture of a “suspect,” a White, African-American or Hispanic male and were asked to indicate their likelihood to pronounce a guilty sentence for the subject. The results of the research indicate implicit prejudice among students against Hispanics and African Americans. In light of these results, topics of racial reconciliation and community healing will be addressed during the presentation as well as the limitations of this study. The researchers wish to make clear that their intent in presenting this information is to initiate a respectable and inclusive dialogue regarding issues of race-relations on Simpson campus and not to attack the University, its administration, student body or policies.

Name: Emily Molchan

Degree Program: Psychology

Presentation Title: “Stream of Consciousness When Considering the Cross”

Presentation Abstract: “Poetry is, above all, an approach to the truth of feeling ... A fine poem will seize your imagination intellectually—that is, when you reach it, you will reach it intellectually too— but the way is through emotion, through what we call feeling.” - Muriel Rukeyser This non-traditional talk, or poem, is intended to be read aloud and to allow its listeners to focus on the healing that the Cross brings to us as sinners and as born again believers. Poetry itself is a beautiful outlet for communication

whose message can't be conveyed otherwise. It demands its listeners to take a breath and focus on the words and the imagery in ways that other means of communication fall short of. If I am able to present I would love to be able to just share this in hopes of encouraging others in the healing that Christ and the Cross offer to us. To think about our isolation from Christ is petrifying, but Jesus' death and the healing that comes through it has the power to break any chain and unshackle the most undeserving slave. "Poetry is important. No less than science, it seeks a hold upon reality, and the closeness of its approach is the test of its success." - Babette Deutsch

Name: Rachel Rhyne and Susan Rhyne

Degree Program: Nursing

Presentation Title: "Multidisciplinary Pathway to Healing"

Presentation Abstract: The medical field today is moving away from the medical model and becoming more interested in a holistic healthcare picture. Our presentation will address treatment of individuals with acute and chronic illnesses with a multidisciplinary approach, including explanation and benefits of the collaboration of professionals. Addressing mind, body and spirit, we will discuss approaches from the standpoint of a Physician's Assistant/ Master of Family Therapy Student and a current nursing student, thus marrying the three separate professions of medicine, nursing and psychology to address the needs as an individual as a whole.

Name: Chanel Putras

Degree Program: Biology

Presentation Title: "Phage Isolation Experiment"

Presentation Abstract: This study was completed to find new strains of viruses that specifically infect bacteria. The first phase of the study was to develop protocols to isolate viruses known to infect Escherichia coli. Three viruses, T1, T2, and T3 phage, were co-cultivated with an established culture of E. coli B using the double-agar method. The phage created zones of clearing called "plaques" over the lawn of bacteria where a virus infected a cell, multiplied, and lysed its host. In the next phase of the study, soil samples were collected from the grounds of the new Simpson University Science and Nursing Building. These samples were incubated in a sterile distilled water/chloroform mixture and the supernatant was co-cultivated with E. coli B in liquid culture. Aliquots of the culture were then used to isolate unknown phage employing the double-agar method. In future research, we will identify these unknown viruses using molecular biology techniques to determine if we have found any previously undiscovered phage.

Name: Kelly Warner

Degree Program: History

Presentation Title: “Land's Calling: How Industrialization in the United States Fostered Jefferson's Republican Vision”

Presentation Abstract: The theme of land has always been prevalent throughout the history of the United States. From colonization to mass migration out West, people have been driven by a desire for land. The importance of landownership is further evident in Thomas Jefferson's republican vision. The traditional view among historians is that Thomas Jefferson's republican vision was lost with the introduction of industrialization in the United States. This view focuses on Jefferson's emphasis on the farmer and the agrarian sector, and concludes that his vision was lost as agriculture declined with the rise of industry in the United States. However, through critical analysis of Jefferson and his republican vision, it is evident that his republican vision was not lost with the introduction of industry, but that industrialization would actually promote his vision. Jefferson did not merely wish for the United States to remain an agrarian society because of a belief in agriculture's economic benefits. Instead, he created his vision for political purposes, and focused on the farmer because he believed that farmers were the most desirable citizens. Jefferson desired a society of stable citizens, which was necessary for the new republic. Further, Jefferson believed that landownership was the means for this stable citizenry. By examining the sources left behind by the American workers, it is evident that the American workers of preindustrial and industrial America both sought land ownership. It is through the pursuit of landownership that Jefferson's vision was able to persist and grow through industrialization.

Name: Siby Sabu and Taylor Polk

Degree Program: Biology

Presentation Title: “Iron Mountain Mine Metagenomics and Microcosm Study”

Presentation Abstract: We collected soil samples from Iron Mountain Mine at specific locations downstream of the mine opening to see what type of bacterial species were present. Specific DNA sequences were isolated from bacteria in each soil sample and amplified using polymerase chain reaction techniques. Resulting DNA samples were sequenced offsite and the resulting sequences for each of the three samples were analyzed using NCBI BLAST. This online sequence alignment tool was used to identify possible bacterial species that those sequences represented. The 20 most frequently observed sequences in each of the soil samples were compared (via BLAST) to known sequences in the GenBank database. We then narrowed down the possible species information to the top 5 likely species and investigated each at its source environment by reviewing scientific articles related to the possible species and to see in what type of environments they grew. We also investigated the potential impact the presence of the bacteria species had on the environments they were located in, with the goal of bringing healing to the extremely acidic environment found in the land downstream of Iron Mountain Mine. Further, we collected 5 samples from the same two locations with the purpose of attempting to culture and characterize the bacteria. We cultured the

samples using iron-enriched 9K medium as recommended by others (“Identification and characterization of four strains of *Acidithiobacillus ferrooxidans* isolated from different sites in China” - by Hong Chen, et.al). We then observed microscopically and completed routine gram staining on the resulting organisms.

Undergraduate Student Poster Abstracts (3 total)

Name: Justus Kornkven

Degree Program: Mathematics

Presentation Title: “Math Modelling in Epidemics”

Presentation Abstract: We are looking at the mathematics of epidemics models. Mostly focusing on how fast diseases spread through a lattice. The main question we want to answer is how does the spread of a disease change when the connectivity of a graph increases by making more dimensions? We will be looking at the growth rates of graphs of different dimensions then make a comparison with how the spread rate changes as we increase the number of dimensions of the graph. The spread rate should get lower as the numbers of dimensions increase so our follow up question is why does the spread rate get lower as the number dimensions increases? This is an interesting question to answer because it is counter intuitive.

Name: Leanne Davis

Degree Program: Biology

Presentation Title: “Chemical Polarimeter”

Presentation Abstract: The goal of this project was to conduct polarimetry tests on sucrose, (R)-(+)-Limonene, Corn Syrup, (S)-(+)-Carvone, (R)-(-)-Carvone, Clove Oil, L-Alanine, and D-Alanine, all of which are chiral compounds, to determine the direction and angle that each of these compounds rotate polarized light. This project establishes standards with known chiral compounds at known concentrations to use to evaluate the chirality of student products in organic chemistry laboratory experiments. In order to perform the test (for each compound), a ten centimeter path length of deionized (DI) water was run through the polarimeter to get a baseline of the angle of illumination. Once a baseline was established, the compound in question was run at 2, 4, 6, 8, and 10 cm of path length. This resulted in six curves on the graph: one for the DI water as the blank, and five curves of varying angles of rotation, progressing with increasing path length of the chiral compound. How far and which direction the curves moved depended on the optical activity of the compound. Once the graph was obtained, Biot’s Law ($\alpha = [\alpha]lc$) was applied to calculate the optical rotation of each specific compound.

Name: Abigail Bairrington

Degree Program: Biology

Presentation Title: “Healthy Pond Water Calibration Chemistry”

Presentation Abstract: This project studied 5 parameters of the chemistry of Simpson University’s pond water. The calibration methods and detection limits of these parameters were tested. Samples of Simpson University’s pond water were tested for dissolved oxygen, and the results were compared to the previous year’s measurements. Dissolved oxygen was measured by the Winkler Titration method and using the Vernier Optical Dissolved Oxygen Probe. Buffering capacity was measured through a researched procedure and calibrated with a solution of sodium bicarbonate. Detection limits for nitrates, temperature, dissolved oxygen, and pH were determined.

Name: Jennifer Olds

Degree Program: Psychology (ASPIRE)

Presentation Title: “Possible Causation of Schizophrenia among Methamphetamine Users”

Presentation Abstract: This proposed study enters into a world that many previous researchers have yet to go. Most studies in the past have applied numbers from Methamphetamine abusers (MAP) that have entered into treatment. This study proposes meeting the sufferers where they live. The problem with the study groups that are either in treatment by choice or by law, is that they are being treated through counseling and medication. This study leaves the door open for those that choose to get help through our program but does not require it. Another important avenue that this study includes that most previous do not are the inclusion of family history and family contribution to the data received.

Graduate Student Presentation Abstracts (6 total)

Name: Chloe Lucas

Degree Program: Master of Arts in Counseling Psychology

Presentation Title: “Racial Identity Awareness in Transracial Foster Families”

Presentation Abstract: Studies have shown the relationship between ethnic identity development and improved psychosocial adjustment, self-esteem, academic success, and behavior in foster youth (White et al, 2008). High demand for foster parents has allowed for increased transracial foster homes and adoptions. The presentation will examine ethnic identity development issues that may arise from multicultural foster homes and the necessary process of healing our community from fear-based racial oppression and discrimination. White, C.R., O’Brien, K., Jackson, L.J., Havalchak, A., Phillips, C.M., Thomas, P., & Cabrera, J. (2008). Ethnic Identity Development Among Adolescents in Foster Care. *Child Adolescent Social Work Journal* 25, 497–515.

Name: Kendra Andersson

Degree Program: Master of Arts in Counseling Psychology

Presentation Title: “Classism Awareness and Bridging the Gap”

Presentation Abstract: Classism is complex and unacknowledged issue in American culture. Socioeconomic statuses and marginalization are only recently receiving examination and awareness despite it's prevalence across the nation. I will explore classism and specifically the injustices to the poverty community in hope of raising awareness and encouraging a dialogue between the classes.

Name: Ryan Lapidus

Degree Program: Master of Arts in Organizational Leadership

Presentation Title: “Critical Thinking and the Six Thinking Hats”

Presentation Abstract: When one considers healing, one tends to think of the physical body and modern medicine. However humanity, like God, is broken down into three parts: body, mind, and soul. Often times, the mind and the soul need just as much healing as the body, if not more, in some cases. The process of critical thinking is one of the most important tools we have, as humans, for tackling the task of healing these more elusive aspects of ourselves. In 423 BC, teachers, like Socrates, Plato, and Aristotle, taught their students how to think critically, formulate logical arguments, and structure debates. More recently, Edward De Bono wrote a book called: *Six Thinking Hats*, in an effort to expand on these old ideas and address some of the problems with argument. De Bono’s book challenges traditional argument methodology. He considers argument, and debate, antiquated, ineffective and inefficient. He states that in argument, rational debates can often devolve into ego battles that impede progress and limit buy-in, as people take sides. De Bono proposes that instead of debate, we employ a new process, that he calls “Lateral Thinking”, or “Parallel Thinking”, using his “Six Thinking Hats” method. In this method all ideas are laid down side by side and worked on collaboratively by all parties involved. The goal is to use a particular mode, or style of

thinking, in a predetermined sequence, designated by a color of hat. The purpose of this is to put everyone on the same team, and working together to find the best solution.

Name: Dinali Aththanayaka

Degree Program: Master of Arts in Counseling Psychology

Presentation Title: “Love One Another; As I have Loved You”

Presentation Abstract: A person who is attracted to a same-sex individual has to go through unique challenges. Such as discrimination, shame, rejection in the society and emotional cut off from the family. These factors will be discussed separately so the listeners can have an understanding. My focus is on how to love the person first rather than opposing our own values. As God commanded us to love one another; as I have loved you.

Name: Bonnie Yvonne Wolfman

Degree Program: Intellectual Leadership

Presentation Title: “Christus Victor: ‘By His Stripes We are Healed’”

Presentation Abstract: “Surely he hath borne our griefs, and carried our sorrows: yet we did esteem him stricken, smitten of God, and afflicted. But he was wounded for our transgressions, he was bruised for our iniquities: the chastisement of our peace was upon him; and with his stripes we are healed.” Isaiah 53:4-5 In 1931 Gustav Aulén challenged the theological community with his classic treatise, entitled, “Christus Victor (Christ the Victor).” In presenting elements of Jesus’ atonement, the author writes that “the work of Christ is first and foremost a victory over the powers which hold mankind in bondage to sin, death, and the devil.” Aulén’s “classic view” of humanity’s triumphal liberation held sway for the first one thousand years of the early church. I am hoping to take his motif a step further by challenging that this view of the atonement is not complete without a broader understanding of what Jesus suffered physically, spiritually and emotionally prior to and during His crucifixion. The healing of the diseased sin nature through Jesus’ earthly ministry, cross worthy forgiveness and resurrection is an all-inclusive victory. As the modern church (body of believers) continues to flounder in many areas of life, understanding the totality of Jesus’ complete triumph over the “world, the flesh and the devil” becomes more imperative. This discussion is an attempt to engage the listener through this lens in order to bring about a deeper understanding of the Savior’s “suffering and atonement.” The scourged, broken body and soul of Jesus lit a path for humanity’s true inner healing. As the believer soulfully acknowledges this victory, an eternal liberation is realized.

Name: Paula Bibb

Degree Program: Education

Presentation Title: “An Example of Using Data Analysis to Identify Low Achieving Student Population Clusters for Early Intervention Planning”

Presentation Abstract: Elementary schools with limited resources can use data analysis to identify low scoring population clusters for early and efficient intervention. The talk presents AYP and CST scores from two elementary schools across a ten year period and shows how data analysis could have identified low scoring grade level clusters for the purpose of concentrating intervention efforts efficiently.

Graduate Student Poster Abstracts (6 total)

Name: Jill Piercy

Degree Program: Master of Arts in Counseling Psychology

Presentation Title: “Healing Self-esteem with Your Christian Faith and Cognitive Behavioral Therapy”

Presentation Abstract: This project will examine how self-esteem is shaped and how it can be healed or strengthened through the use of one’s Christian Faith and Cognitive Behavioral Therapy. Using a psychological approach of Cognitive Behavioral Therapy and the Spiritual approach of using Biblical truths to help individuals with low self-esteem can have powerful significant results. Self-esteem is described as a feeling for having self-respect for oneself and one’s abilities and a confidence and satisfaction in oneself (Merriam-Webster, Inc, 2005). Spiritual self-esteem is self-identity which comes from the knowledge of God and the Bible doctrine. It is the process of self-realization, which occurs from thinking, learning, and using Bible doctrine to develop a one’s core beliefs systems. Beck’s cognitive model of low self-esteem suggests that the essence of low self-esteem lies in the global “me as a person” negative core beliefs about the self which derive from an intersection between inborn temperamental factors and subsequent experiences (Whelan, 2007). Our early experiences in life lead to core beliefs and either positive or dysfunctional assumptions which guide our feelings and as a result our actions. Combining Spiritual truths with CBT a therapist can address the negative thought process of client with low self-esteem. Replacing negative thoughts with Biblical truths improves the probability of changing those thoughts and feelings and healing their self-esteem in the process. The presentation will also introduce the models of intervention (Betts, 2005), applications for clinical use, and challenges of integration (McMinn, 2006).

Name: Denis Villanueva

Degree Program: Master of Arts in Counseling Psychology

Presentation Title: “Healing Traditional Gender Roles”

Presentation Abstract: Traditional gender roles dismiss gender equality and create negative stereotypes in multicultural relationships. Affecting the communication and often creating conflicting misconceptions, traditional gender roles affect our families, our communities, and our society. Healing begins with awareness about interaction patterns, comparisons, or contrasts between oneself and one’s partner shared gender roles. This poster presentation provides a frame-work for examining the effects of traditional gender roles in multicultural relationships and the potential negative impact in the family system. Findings are presented in a systemic approach to assist mental health professionals when dealing with multicultural families dealing with gender roles issues.

Name: Donghui Liu

Degree Program: Master of Arts in Counseling Psychology

Presentation Title: “Therapeutic Strategies: Working with Asian American Families”

Presentation Abstract: Asian Americans are the fastest growing population in our society, but we’ve neglected this group’s mental health for a long time. That has been limited due to the wide range of language, cultures, and socioeconomic differences. Even more rare are research studies on the family field. This research focuses on the therapeutic intervention for Asian American families. It uses the two integrated family therapy approaches together as the special healing process for Asian American clients.

Name: Kendra Andersson

Degree Program: Master of Arts in Counseling Psychology

Presentation Title: “Poverty, Perspective and Healing: Understanding and Treating Low-Income Families”

Presentation Abstract: The impact that poverty has on a family system is significant. Poverty can affect the family: biologically, psychologically, sociologically, relationally, and generationally. These affects often have a negative impact on low-income families that therapy must address. Bowenian family therapy can be used to address the issues of anxiety due to poverty and classism. Concepts such as multigenerational transmission, differentiation, dysfunction in the emotional system of the family system, and societal regressions all have the potential to give positive insight to these families. In therapy Bowenian interventions such as coaching and the use of genograms can also help to meet some of the potential goals for counseling poor families.

Name: Jessica Baus

Degree Program: Master of Arts in Counseling Psychology

Presentation Title: “Turning a New Leaf on the Intergenerational Family Tree: Healing Systemic Child Abuse with Bowen Theory”

Presentation Abstract: Parent-on-child abuse is a detrimental problem in the world today. Evidence exists that child abuse is a multi-generational problem, with the abused often later in life becoming abusers themselves. Several qualitative and quantitative studies were analyzed regarding the application of Bowen Theory to the problem of child abuse, specifically Bowen’s conceptions of chronic anxiety, differentiation of self, and coaching. The concept of differentiation of self is explored as a viable dynamic in the generational transmission of child abuse, and its systemic nature, potentially moderated by factors of psychological distress, and externalized behaviors. A case study is given, as well as noted critiques of the theory and opportunities for further research on this topic. Conclusions support the position that the application of Bowen Theory to intergenerational child maltreatment may result in some healing in the family system.

Name: Rachel Milhous

Degree Program: Master of Arts in Counseling Psychology

Presentation Title: “Post-War Veteran PTSD and Structural Family Therapy as Treatment”

Presentation Abstract: Post Traumatic Stress Disorder often hinders not only the lives of post-war military veterans, but their families as well. This disorder can be approached as a systemic issue and effective interventions from the Structural Family Therapy Theory may be utilized. This poster offers background on PTSD, common issues of military families, the connection between veteran PTSD and systemic thinking, and how structural family therapy can be effective. The purpose of this poster is to give insight in ways that structural family therapy may positively affect families with a member suffering from post-war veteran Post Traumatic Stress Disorder.