

THE ANDREWS UNIVERSITY MAGAZINE

SUMMER 2016

# FOCUS

inside:

The Story Continues: Andrews Smiles at the Future | More H.E.L.P. | A Good Time to Have a Bible

Vol 52 No 3:





## Beyond the status quo

Andrea Luxton  
President

Over the last few months, since my appointment as president at Andrews University, I have had letters, emails, texts, phone calls, conversations in the parking lot, conversations online, and each one has ended with, “I am praying for you.”

Those prayers are hugely encouraging to me as I begin work in my new role at Andrews. They mean far more than even the wonderful edible fruits, chocolates and flowers I have received. It is good to know that in the middle of change at Andrews University and as we face new challenges and opportunities, that we are surrounded and supported by a community of praying believers.

As you know, over the last few months here in North America and around the world there has been an urgent need of prayer. What answer is there other than prayer in the face of terrorism, senseless violence, racial profiling and loss of life? I cannot believe God's response is anything other than the one Jesus had when looking over the city of Jerusalem: He looked into the future—the sins, the destruction of this beautiful city—and he was moved to tears. How can created beings, each with their unique value, devalue others who are similarly created in God's image? How can we perpetrate violence and engage in unthinking prejudice? Sometimes it seems our best response can only be prayer and tears.

I would suggest though that we have a responsibility as Christians, and as a Christian university, to go one step further than to pray and weep. I would suggest our prayers and tears must be unified with words and supported by actions that show there is a different way.

My academic background is in English literature and so I believe in the power of story. The Scriptures themselves also powerfully talk to us through story and I think this is one way we can begin.

At Andrews University in particular, and wherever we are in the world, as I listen to your story, as you speak to me transparently about your journey, maybe we can meet in a place that allows us to model the wonderful synergy that comes from our combined strengths and experiences.

I believe that Andrews University is in a unique position to fashion this type of community—again, not just on our Berrien Springs campus, but through the alumni who are spread across this nation and the world. We have not always done this right—we, as others, have taken the path of least resistance, and focused on ourselves, assuming safety is in the world we know.

Yet, Christ actively engaged in a world where service was more important than safety, where the values of the kingdom always trumped the values of the world. What would it look like if we, as a community, instead consistently lived the values of grace, compassion and forgiveness while we seek to find ever increasingly innovative ways to bring positive change to the world around us?

I very much look forward to my opportunity to serve as president at Andrews University. I look forward to finding answers to difficult questions with my colleagues, to listening to the alumni and constituency of this University, to engaging with the energy of our students. We want to and must make a difference in the stories of the lives of our students, of all who come in contact with Andrews University. We shall not accept the status quo. Let us build on our foundation of prayer a community rededicated to changing the world through word and action.

# FOCUS

The Andrews University Magazine

### Editor

Patricia Spangler (BS '04)  
focus@andrews.edu | 269-471-3315

### Contributing Editors

Andriy Kharkovyy (BBA '06, MBA '09)  
Becky St. Clair (current staff)

### Designer

Justin Jeffery (BMus '04)

### Photographers

Jessica Condon (current student)  
Darren Heslop (BFA '10)  
Andriy Kharkovyy (BBA '06, MBA '09)  
Jonathan Logan (current student)  
Heidi Ramirez (current student)  
David Sherwin (BFA '82)

### Copy Editor

Alisa Williams (BS '06)

## Andrews University

### President

Andrea Luxton (MA '78)

### Provost

Christon Arthur (BA '90, MA '95, EdS '99,  
PhD '00)

### Vice President for Enrollment Management

Randy Graves (MA '72)

### Vice President for Financial Administration

Lawrence E. Schalk (BS '64, MBA '71)

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Stephen Payne

### Vice President for Campus & Student Life

Frances Faehner (BSW '76, PhD '07)

### Vice President for University Advancement

David A. Faehner (MA '72)

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Catch the vision  
14



features

**14 The Story Continues: Andrews Smiles at the Future**

by Andrea Luxton

President Luxton outlines her inspiring vision for the future of Andrews University and some of the changes she anticipates over the next five to seven years.

**20 More H.E.L.P.**

by Becky St. Clair

Carlisle Sutton, an MDiv student at the Seminary, was convicted to do something to improve the lives of school children in Benton Harbor. He and a few friends formed the Human Empowerment Life Project (H.E.L.P.) and this year more than 100 volunteers have signed on.

**22 "...a good time to have a Bible..."**

by Samuel J. Fry and Becky St. Clair

Thousands of prison inmates across the U.S. are experiencing the power of the Gospel by receiving free Andrews Study Bibles, lesson helps and personal letters thanks to the dedication of a small church in Wyoming.

departments

- |                                    |                           |
|------------------------------------|---------------------------|
| <b>2</b> from the President's desk | <b>25</b> alumni calendar |
| <b>4</b> preamble                  | <b>26</b> alumni news     |
| <b>5</b> campus update             | <b>30</b> class notes     |
| <b>10</b> faculty & staff          | <b>32</b> life stories    |



On the cover: See page 4 for the story about our cover photo. Photo: Darren Heslop, IMC staff photographer



FOCUS | Spring 2016



Visit Andrews University's YouTube page to view recent events, including President Luxton's State of the University address and University Convocation.

## About the cover

Featured on the cover of this issue are Jennie Serrano, *right*, and Alessandra Pineda, a mother and daughter from the island of Honduras. They had never set foot on the Andrews University campus before arriving for new student orientation week. Alessandra knew someone who studied here so had heard of the school before. She also has a cousin planning to attend as a transfer student, who suggested that they do their college experience together. Alessandra says, "I was like... well... Andrews is a great school, let's just apply, and one thing led to another and now I'm here."

Before coming Alessandra visited the virtual tour online because she wanted to see the campus. "I wanted to see how close my dorm was to the cafeteria. I also looked at the church and the library and I saw most of the buildings," she explained. Jennie added, "She was also worried about the winters, too! It's hard to think about when you're from a Caribbean country—that it's going to get so cold."

Alessandra is looking forward to established seasons, explaining that back home it only rains for an hour or two and then it's

sunny again. This will be something completely new for both her and her cousin, Ivy Cooper, who is also attending Andrews for the first time. Ivy is majoring in psychology and Alessandra plans to be an elementary education major.

Even though Jennie and Alessandra are not Adventists themselves, they heard about Andrews University frequently in Honduras. Alessandra says, "that [not being an Adventist] wasn't a factor for my education. I wanted a place where I can be close to God and that's what mattered to me." She attended Roatan Bilingual School in Honduras for her primary and secondary education.

Jennie also likes the fact that it is a Christian university and feels comfortable about her daughter being here, even though she's far away from home for the first time. She also appreciated a personalized letter received from the University that helped to make her feel that Alessandra would be in good hands with people who cared about her.

Andrews is very pleased to welcome all the new freshmen as well as returning and transfer students to the 2016–2017 school year.

## Don't forget to write

### Letters are always welcome.

To ensure a range of viewpoints, we encourage letters of fewer than 300 words. Letters may be edited for content, style and space.

### By mail:

FOCUS Editor  
8700 W Campus Circle Dr  
Andrews University  
Berrien Springs MI 49104

### By email:

[focus@andrews.edu](mailto:focus@andrews.edu)

## Comments Solicited for Accreditation

Andrews University is seeking comments from the public about the University in preparation for its periodic evaluation by its regional accrediting agency. The University will host a visit March 13–14, 2017, with a team representing the Higher Learning Commission. Andrews University has been accredited by HLC since 1939. The team will review the institution's ongoing ability to meet HLC's Criteria for Accreditation.

The public is invited to submit comments regarding the university to the following address:

Public Comment on Andrews University  
Higher Learning Commission  
230 South LaSalle Street, Suite 7-500  
Chicago IL 60604-1411

*The public may also submit comments on HLC's website at [www.hlcommission.org/comment](http://www.hlcommission.org/comment).*

Comments must address substantive matters related to the quality of the institution or its academic programs. Comments must be in writing.

**All comments must be received by February 12, 2017.**

## Faculty Institute 2016

*A rich time of learning and professional development*

The annual Faculty Institute is an opportunity to engage the entire faculty in professional development around themes that are important as an academic community. The theme for this year's Faculty Institute was Live Wholly: Explore! Engage! Create! (Isaiah 58:11).

This year's Faculty Institute was also the launch of an intentional plan to support faculty development via a range of workshops throughout this academic year. Many of the presenters were Andrews University faculty, a choice by the Professional Development Committee that recognized the giftedness of our academic community.



Jerry Pattengale, from Indiana Wesleyan University, was the plenary speaker on Friday morning

Provost Christon Arthur reiterated that “the faculty are at the core of the academic community of Andrews University. The teaching and learning environment relies on your skills, knowledge and creativity. Our reputation in research depends on your willingness to engage in, create and sustain a culture of scholarship and inquiry. Our call to Live Wholly emphasizes that as a spiritual community, our success is measured by the extent to which students see how you, their mentors, live lives of faith within your disparate disciplines.”

President Andrea Luxton opened the institute with “The Andrew's Philosophy of Christian Scholarship,” at the first plenary session on Thursday morning.

Jerry Pattengale, from Indiana Wesleyan University, presented the plenary on Friday morning, “Why I Teach: Ultimate Questions Still Matter and Transcend Personal Profiles—of Pupils and Professors.”

## “The teaching and learning environment relies on your [the faculty's] skills, knowledge and creativity.”

His presentation was based on the premise that the ultimate purpose of higher education is to transform lives—the lives of the students and their professors. As such, we should create life-changing experiences for our students. The dream needs to be stronger than the struggle, and longevity studies reflect strong student success rates when addressing both parts of this reality.

Pattengale has some 20 books in print, and numerous essays in key venues such as Wall Street Journal, Christianity Today, Washington Post, Books & Culture, InsideHigherEd.com, Patheos, Chicago Tribune and Christian Post. He serves as executive director of education, Museum of the Bible (Washington, D.C.) and is University Professor at Indiana Wesleyan University (the first in its history), where he has held several top positions.

Jeff Boyd, research services specialist and one of the presenters of “Applying for an External Research Grant,” commented: “It [the experience] was good...I enjoyed the exchange with faculty who are working on research projects and need funding to make it possible. I appreciated that some people who attended had significant experience in the area, and so we were able to draw them into the conversation.”

Hyveth Williams, professor of Christian ministry, attended “Crossing Cultures in the Classroom” presented by Cheryl Doss and Oscar Osindo. She said, “I took a lot of notes. They really address some issues on how to understand the cultural differences people bring to the classroom where there's a lot of diversity. That was very helpful for me to remember that some things that are appropriate in one culture may be different in another, especially in a classroom. I thought it was outstanding, and I appreciated that we had more than one hour to go through the many different aspects.”

## Early College Experience

*New summer program launched by Explore Andrews*

The Explore Andrews Program has successfully completed its first full year. During the 2015–2016 school year, nearly 100 students worked with the director of the Explore Andrews Program, Aaron Moushon, to better understand the academic offerings of Andrews University and how these programs translate into career and graduate school prospects.

To increase the ways that students can explore major and career options, the Explore Andrews Program has launched an exciting new summer program; The Andrews Early College Experience.



Early College Experience students enjoyed water sports in the Beaty Gym pool on campus

The program offers rising high school seniors and new incoming freshman a unique college experience. Students will participate in one college course, enjoy value-added seminars and cultural tours as part of a comprehensive University package. By participating in the program high school juniors and seniors will have the opportunity to start the academic exploration process before they enroll as freshmen.

This past summer, 27 students from all around the country joined the program. Each student earned three college credit hours, many participated in an ACT prep course, and each student had the opportunity to meet with academic professionals and faculty from all over campus. Throughout the three weeks, each student gained a better understanding of how to successfully transition into college, and how Andrews University can help them reach their academic and career goals.

## Summer graduation 2016

*Despite inclement weather, spirits were high*

Andrews University's summer graduation took place the weekend of July 29–31, 2016.

Deborah Weithers, dean of Student Life at Andrews University, offered the Consecration message, "You Decide: Who Will You Be?" on Friday, July 29. She encouraged graduates to choose God's path of kindness and integrity.

Weithers has worked in the Division of Campus & Student Life for the last four years. She serves as Title IX deputy coordinator for the University and the general sponsor for the Andrews University Student Association. Weithers also serves as chair of the Black History Committee (of which she has been a member for seven years) and the Martin Luther King Jr. Planning Committee.

On Saturday, July 30, Randal Wisbey, president of La Sierra University, presented the Baccalaureate, "A Message For Your Future."

Wisbey's career in higher education spans 27 years and he has served as La Sierra University's third president since 2007. He went to La Sierra from Columbia Union College (now Washington Adventist University) in Takoma Park, Maryland, where he served as president for seven years. Prior to his presidency at CUC, Wisbey served for two years as president of Canadian University College (now Burman University) in Alberta, Canada, and as associate professor of youth ministry at the Andrews University Seventh-day Adventist Theological Seminary.

On Sunday, July 31, Myrna Costa, vice president of the Inter-American Division of Seventh-day Adventists, presented "What God Wants to Teach You" for the Commencement service.

Costa is a well-known professional in

Adventist higher education, having worked both in the North American Division and the Inter-American Division.

She was director of admissions for over 15 years at La Sierra University when she received a call from the General Conference of Seventh-day Adventists to serve as an inter-division employee at Antillean Adventist University. She was first appointed vice president for Advancement and Enrollment Services, then vice president for Academic Affairs and then university president.

In July 2010, upon her election at the General Conference World Session held in Atlanta, Georgia, Costa joined the Inter-American Division as the first female vice president in the history of the Division.



**Clockwise, from top:** Myrna Costa, Commencement speaker ■ Debbie Weithers, Consecration speaker ■ Randal Wisbey, Baccalaureate speaker ■ School of Business Administration graduates who took the Business Ethics Oath ■ Graduates of the Seventh-day Adventist Theological Seminary celebrate ■ White Coat Ceremony for physical therapy graduates



## Fall Fellowship 2016

*A time of renewal and reflection*



**Clockwise, from left:** Ryan Hayes, associate professor of chemistry, captivated young and old alike with his children's story, using an actual chemistry experiment ■ Dwight K. Nelson, lead pastor at Pioneer Memorial Church, officially welcomes our new president, Andrea Luxton ■ Matthew Master, Cassie Heslop and Myrna Constantine lead out in praise during Fall Fellowship vespers in Johnson Gym ■ Allan Walshe facilitated an innovative story sharing time during vespers ■ Staff and faculty shared short personal stories with each other during a rotating exercise at Fall Fellowship vespers

## New observatory opening during alumni weekend

*Robert & Lillis Kingman Observatory, named in honor of longtime Department of Physics professor*

On June 1, 2016, the dome of the physics department observatory was removed as part of the demolition of the current observatory to make way for a new structure.

This Observatory Replacement Project is funded by an anonymous donation, supplemented by a previous donation by the physics faculty, made available to them by Bruce Lee, deceased emeritus professor of physics and founder of Physics Enterprises.

The Ross family donated the original observatory dome to Andrews University around 1957. Emmanuel Missionary College, as it was called then, voted to accept the donation in the same year. The observatory was originally supposed to be called the Ross Memorial Observatory but over time and after moving it, the name was forgotten and it became the Andrews University Observatory.

The Ross family also donated the telescope for the observatory. The original location for the structure was in front of Meier Hall, where it was used to house sports equipment.

Under Bruce Zimmerman, then Department of Physics chair, the dome moved to its present location on Pathfinder Hill in 1969. It was mounted on a slab and block wall base

built by student volunteers under the enthusiastic leadership of physics major Pete Black.

The observatory served the needs of the astronomy class in the Department of Physics for 45 years, until it became clear that it needed replacement and plans were drawn up for this new structure.

The new dome is constructed by Ash-Dome, measuring 16.5 feet in diameter and is fully automated. The former dome was 12 feet in diameter and was manually operated.

Kelly Youngberg, Department of Physics administrative assistant, is a key player in coordinating the physics faculty who comprise the Observatory Committee, which includes Mickey Kutzner, research professor of physics; Stephen Thorman, professor of computer science and physics; Robert Kingman, emeritus professor of physics; Paul Elder, director of facilities management; and Martin Smith, assistant professor of architecture.

"I want people to understand how our own planet moves in relation to the sun. Astronomy...is about being aware of what is



Robert Kingman assisting with the installation of the new Robert & Lillis Kingman Observatory

around us, even through paying attention to our planets. We definitely don't pay enough attention," says Youngberg.

The official opening of the new observatory is scheduled during Alumni Homecoming, on Saturday, Oct. 1, at 7 p.m. The dome is honoring Robert Kingman on the occasion of his retirement and transition to professor emeritus, and will be named the Robert & Lillis Kingman Observatory.

Kingman joined the faculty in 1971, and before coming to Andrews taught at the University of Arizona and Walla Walla College. Together with his wife Lillis, they have two sons and two daughters.

## “Envision” wins national award

*Award of Excellence from the Associated Church Press*

The Associated Church Press gave an Award of Excellence this year to “Envision” magazine’s seventh issue as part of the annual awards banquet, which took place in St. Louis in April. The ACP takes the opportunity every year to give “Best of the Church Press” awards to a variety of Christian media in a number of different categories, such as “student publications,” which is the category in which Envision won this year.

Some of the reasons “Envision” was chosen for this award include what the ACP call its “relevance and salience to the student community,” as well as creativity and skill

**“It benefits the students to know that what they are doing is not only valuable, but is actually valued by others.”**

in writing, editing and design. In general, the ACP was impressed by the quality of this student-produced magazine.

“Envision” is no stranger to winning awards. This marks the third year that the magazine has won at least one Award of Excellence from the ACP. The ACP has also given Awards of Merit for reporting and writing as well as photos, and numerous honorable mentions. Additionally, the Society of Adventist Communicators has awarded “Envision” with Best Design Project, Best

Photograph, Best Feature Writing and Best Magazine Cover, as well as several honorable mentions.

“It was fun writing for the magazine and working with classmates on the projects we were assigned,” says Emmanuel Leonard, feature editor for the 2015–16 school year. Leonard was not surprised to hear the magazine had won an award for excellence. “There’s a lot of heart, intention and effort put into creating this great magazine every year,” he said.

Debbie Michel, editor-in-chief since the magazine’s creation in 2010, appreciates seeing her students’ hard effort validated by the ACP.

“It’s nice to be affirmed by this organization because quite often students do the work but they don’t know in terms of how they compare with others out there,” she commented. “It benefits the students to know that what they are doing is not only valuable, but is actually valued by others.”

“Envision’s” eighth issue, which will be released this fall, is Michel’s final issue with the magazine as editor-in-chief. She began working for the Lake Union Conference of Seventh-day Adventists in December 2015.

“I’m very proud of our students and how



Issue #7 of Envision magazine won an Award of Excellence from The Associated Church Press

they consistently raise the bar in the work they produce for ‘Envision’ magazine,” said Diane Myers, assistant professor of graphic design and digital media, and design editor for the magazine. “It’s a lot of work to create a magazine in less than a semester, but very rewarding.”

As design editor, Myers assists design students in her editorial design class to create layouts for “Envision” issues. Myers’ students collaborate with those of Dave Sherwin, assistant professor of photography and photo editor for the magazine, to come up with the visuals for articles in the magazine.

## Do you have an implicit blind spot?

*Brian Nosek challenges attendees to the annual Leadership Conference*

The Department of Leadership invited the community to its sixth annual conference on Monday, June 27, at the Howard Performing Arts Center.

The all-day event featured keynote speaker Brian Nosek, co-founder of Project Implicit, an Internet-based multi-university collaboration of research and education about implicit cognition.

The title of Nosek’s presentation, “Implicit Bias & Blind Spot,” examined how behavior can be affected by factors that are outside of an individual’s purposes and intents. He uses scientific research to assist in aligning moral values and practices more closely. The lecture

was of particular interest to current and future leaders who work or intend to work in Christian settings where it is important that one’s professional actions do not differ greatly from their religious values due to subconscious factors.

Brian Nosek, a psychology professor at the University of Virginia, received his PhD from Yale in 2002, and is the recipient of awards from both the International Social Cognition Network and the Society for the Psychological Study of Social Issues. His main area of interest is in implicit cognition,



Brian Nosek, co-founder of Project Implicit, was the keynote speaker for the annual Leadership Conference

which covers the mental processes that occur without conscious awareness or control.

To find out more, visit [www.projectimplicit.net](http://www.projectimplicit.net)



# HOWARD CENTER PRESENTS THE 2016-2017 SEASON

SEPTEMBER 4, 2016—6 P.M.  
Kids' Time LIVE!  
With Miss Brenda,  
Rich Aguilera and  
Ben Roy

SEPTEMBER 11, 2016—7 P.M.  
"America Singing:"  
Grit & Glory—  
Charles Reid, *tenor*;  
Ken Logan, *piano*

SEPTEMBER 18, 2016—7 P.M.  
Steve Green—  
A Student Missions  
Fundraiser

SEPTEMBER 25, 2016—7 P.M.  
WindSync—  
Fischhoff Winner

OCTOBER 30, 2016—7 P.M.  
Moriah Peters

NOVEMBER 20, 2016—7 P.M.  
Camerata Milwaukee

JANUARY 29, 2017—7 P.M.  
Finding Favour

FEBRUARY 12, 2017—7 P.M.  
Vienna Boys' Choir

APRIL 2, 2017—7 P.M.  
Tim Zimmerman  
& The King's Brass

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Tim Zimmerman & The King's Brass



Finding Favour



Vienna Boys' Choir

WindSync



Moriah Peters



Charles Reid



Kenneth Logan



Camerata Milwaukee



## New professor joins Department of Physics

*Lauber De Souza Martins specializes in thermodynamics*

Specializing in thermodynamics, Lauber De Souza Martins is a useful addition to the Department of Physics since physics and engineering students are required to learn this subject in their classes. He's also a valuable asset due to his specialization in sustainable energy. Martins joined the department as an assistant professor in January 2016.

**"I work with students from engineering, mathematics and physics, so I have a big pool of students willing to help in the research."**

Martins' background deals with fuel cells, in which hydrogen and oxygen react generating electricity, producing water—a clean byproduct—and heat.

"The idea is now to research how we can use fuel cells as a backup system for stationary applications, like schools or hospitals," explains Martins. "This summer we're going around to companies in this area—Berrien

Springs, St. Joseph, South Bend—to see what their energy consumption needs are. Once we get all the information about their power needs, we're going to see if we can supply them with fuel cells when their primary source of energy is not available."

Until Martins' arrival, Andrews did not have a professor focusing on research in this area.

"Sustainable energy is one of the hot topics nowadays in research," says Martins. "As long as people live, they will need energy. It's an important, necessary research field."

Martins received bachelor's and master's degrees in mechanical engineering at the Federal University of Parana-Brazil in 2003 and 2005, respectively. He also received a PhD in mechanical engineering in 2012 from Florida State University, specializing in thermodynamics. He went on to work at the University of Pretoria in South Africa as a postdoctoral fellow and was later appointed as a senior lecturer.



Lauber De Souza Martins

One thing Martins enjoys about his role here at Andrews is the variety and number of students he gets to work with.

"I work with students from engineering, mathematics and physics, so I have a big pool of students willing to help in the research," he says. "I just want to make myself available for any sort of collaboration, and give these students the opportunities they need to go into the field as professionals with valuable experience and skills for the future."

## Documentary Film program hires new professor

*Dwyane Cheddar brings expertise in broadcasting and communication*

Dwyane Cheddar started working in television in 1986, immediately after graduating with his teacher certification from Edna Manley College of the Visual and Performing Arts in Kingston, Jamaica. What follows has been a successful career in broadcasting and communication, focused on television and documentary films.

**"I welcome the challenge to make a difference in the lives of our students, and I believe the Lord led me to this purpose."**

Cheddar has produced and directed two documentaries; one on the Little Rock 9 and another on the devastating tornadoes that whipped through Alabama in the spring of 2011. He has also produced and directed multiple media ministries.

Cheddar most recently served for nine years as assistant professor in the Department of Communication at Oakwood University.

Some of the greatest successes in his career include developing the Associate of Arts in mass communication at Northern Caribbean University (NCU), building the department from six to 60 students in two years. The following year he developed the Bachelor of Arts in mass communication for NCU, growing the number of students in the program from 60 to over 250 in three years.

"When the opportunity presented itself for me to join the faculty at Andrews University, I was motivated by the chance to assist in the growth of the Department of Visual Art, Communication & Design," says Cheddar. "I welcome the challenge to make a difference in the lives of our students, and I believe the Lord led me to this purpose."

Cheddar's two favorite types of projects are live programming and investigative journalism.

"Investigative journalism requires thorough research into an event that answers the 'why' of something," he says. "And live events keep you on your guard and require you to



Dwyane Cheddar

think critically and quickly. These are skills I want all of our students to leave with when they graduate."

"I want our program here to continue to provide practical, valuable education that will meet the demands of the workforce, graduate schools and the students themselves," Cheddar says. "I want our students to utilize their talents and skills to think critically and be able to participate in the creative process of producing programs that will spread the good news of salvation around the world."

## Jerry Moon retires from seminary

*Most recently serving as chair of the Department of Church History*

“When I was seven I used to turn over a footstool, creating a pulpit, and preach to my siblings. What I preached wasn’t as important as the fact that we were playing church, and I was the pastor!”

Jerry Moon is an approachable man with kind eyes behind his silver glasses and a large smile beneath them. His unimposing stature makes it easy to talk with him, and he listens well, thoughtfully nodding as you speak, and waiting to be sure you’re finished before he responds. Moon recently retired after 14 years as chair of the Department of Church History in the Seminary.

Though he decided fairly early in life that he was going to be a minister, in high school Moon planned to be an author, and by the time he got to Union College (Lincoln, Nebraska), his interests were teaching and editing. He was editor of the campus newspaper for two years and the yearbook for one, and edited several publications for campus entities. He claimed an English major and a journalism minor.

“I’d been top of my class in high school, but in college I couldn’t focus and I wasn’t learning,” he recalls. “I realized I’d be in trouble if I didn’t settle down.”

Moon prayed and within a few hours, he realized the answer.

“God wanted me to be a minister,” he says. “I was taking German instead of Greek, focusing on journalism instead of theology. God had me cornered and wasn’t giving me any outs.”

That same day, Moon went to the religion department and signed up to be a theology major. From then on, Moon’s studies went well.

Around this same time, he stopped making New Year’s resolutions and instead made a commitment every day to live that day for God. He read “The Desire of Ages” about 12 times and considered it a discipleship mentor.

After graduating, Moon enrolled in the Seventh-day Adventist Theological Seminary. He loved it and dreamed of someday teaching there. During his third year, while attending an evangelistic series, Moon heard a silent voice saying, “I want you to be a soul winner.”

“That was what I wanted more than anything else, so I said yes,” he says with a shrug, as if to say there is no other

response but “yes” to God. After a year of training, Moon and his wife were assigned to a small church in Kansas.

“The cows outnumbered the people in that town three to one,” Moon says with a snicker.

The church had six members, the youngest of which was the head elder, who was 75.

“We did a few series but I finally decided I didn’t have the personality for evangelism,” says Moon. “The Lord had called us to do this and we’d learned a lot. I knew my faith and my Bible a lot better, but I didn’t have the stamina of an evangelist, so we pastored for 12 years.”

While in the PhD program in the seminary, Moon taught on a contract basis as he studied, waiting for God to show him the next step. A few months before he was to graduate, the Department of Church History asked Moon if he would be interested in a full-time faculty position in the Seminary.

“Would I be interested?!” Moon exclaims, leaning forward in his chair like a giddy

**“Several years of experience in evangelism, pastoring, preaching, visiting—that’s what gave me the ability to relate to pastors in training.”**

child. “It had been my dream for 20 years!” His laugh is charming and genuine.

On his first day in 1987, a colleague asked if he’d ever had an interest in editing, as they’d need a new editor for a Seminary publication soon.

“That’s when it hit me,” says Moon in a reverent voice. “All the things I’d wanted, God wanted to give me, but I had to be prepared for them.” Moon’s face is contemplative as he presses his folded hands against his lips.



Jerry Moon shares his appreciation for colleagues and friends at his retirement reception held June 15 in the Seminary Commons

“Several years of experience in evangelism, pastoring, preaching, visiting—that’s what gave me the ability to relate to pastors in training. Before I did all that, I had no idea what it was like to be a pastor, so how could I effectively teach anyone else to be one?”

In 2000, Moon began working with Deni Fortin, a fellow Seminary professor, and renowned Adventist writer George Knight on an Ellen G. White encyclopedia. The project took 13 years and was published in the fall of 2013.

Over the course of his career, Moon has authored, co-authored or edited three major books, one of which was translated into four different languages. He has also contributed numerous chapters to various publications, refereed multiple journal articles and written many book reviews, among many other things. He organized scholarly/professional conferences on topics varying from questions on doctrine to religious liberty to church history.

Though he’s read hundreds of books over the years, Moon’s absolute favorite remains “The Desire of Ages.”

“I keep coming back to it,” he says reverently. “There are some passages that are so important that they’ve become landmarks in my Christian experience. It’s such a beautiful picture of Jesus that every time I spend time there I feel like I get a fresh glimpse of him. He’s what makes the Christian life worth living.”

## Bruce and Jan Wrenn retire

*As professor of marketing and professor of social work, respectively*

“We’re a team,” says Bruce Wrenn, referring to he and Jan, his wife of 45 years, “so we decided to retire together from teaching at Andrews.” The Wrenns have a combined 50 years of service at Andrews, 30 for Jan and 20 for Bruce.

Jan and Bruce grew up in Alabama, and thought they would spend their entire lives in the south. The unlikely path to Berrien Springs started when Bruce was impressed, when taking a course in marketing as a college sophomore at Auburn University, to pursue a career as a college teacher. “I thought that if I could have a career influencing students to make a positive contribution through their work the way that marketing teacher did for me it would be a life well lived.”

This led the Wrenns to Evanston, Illinois, where Bruce earned an MBA at Northwestern University (later earning a PhD there), then to Kalamazoo, Michigan, where Bruce accepted a marketing position at a pharmaceutical firm, and Jan worked in the research area for the company as a clinical data encoder. “I knew I needed experience doing marketing before I could begin a career teaching it,” he says. Jan picks up the story at this point, saying “God had an interesting way of getting us the 50 miles from Kalamazoo to Berrien Springs by way of a little home church in Troy, Alabama.”

Through a series of providential events, the Wrenns met Jack Stout, who taught biology at Andrews University, at that little home church in Troy. Stout mentioned that the new School of Business might be looking for teachers. Bruce expressed interest, and Stout said he would communicate that to administrators.

Upon returning to Michigan, the Wrenns failed to hear from Andrews’ administration during December and January, and thought nothing would come of that chance encounter. Meanwhile, Bruce received an attractive job offer in Southern California during a historically terrible February winter in Kalamazoo.

“It is highly unusual that a company offers you a job while you are there for the interview, but that’s what happened in this case,” Bruce notes. “I thought it was a sign from God, or at least hoped it was, given the weather I left behind in Michigan. I felt like saying ‘I’ll take it!’ and calling Jan to tell her to leave everything and come out on the next flight she could get after they de-iced the wings.”



Bruce and Jan Wrenn with their golden retrievers Ella and Cooper

**“We have such a profound sense of gratitude for the miracles God worked in our lives to get us to the retirement stage of our careers.”**

Instead, he said they would talk it over and get back to the company in a few days.

The more they prayed about the move, the less they felt God was leading them to sunny California. “This puzzled us,” Jan said, “but we turned down the job, and waited to see what God had in mind. A week later Richard Schwarz, vice president of Academic Administration at Andrews called, and the rest, as they say, is history.”

When asked what he is most proud of in their time at Andrews, Bruce quickly responds, “I’m most proud of how Jan followed her childhood dream of becoming a social worker by going back to school in her 40’s, earning a BSW at Andrews, doing her graduate work at University of Michigan, working as a mental health therapist at Madison Center in South Bend, and then becoming a member of Andrews’ social work faculty in 1996, and being promoted in rank to full professor in 2011.”

She twice won the Daniel A. Augsburger Excellence in Teaching Award, was named Advisor of the Year, and was inducted into Sigma Xi for her scholarship—a rare trifecta of academia excellence.

“She leaves me in the shade in all those areas,” Bruce said. “Not only that, her social work students loved her, voting her a Teacher of the Year award on their own, and many remain close friends after they graduate.”

For her part, Jan remarked “I remain

awestruck at God’s providential leading in our lives in ways we never imagined when thinking about our futures. When Bruce and I turn to look back on our careers, we see a vast field of Ebenezers, those stones of help, which made our service at Andrews possible. We have such a profound sense of gratitude for the miracles God worked in our lives to get us to the retirement stage of our careers.”

The Wrenns now are working on their “re-career” plans. The day after graduation ceremonies in May, Bruce registered two

new photography businesses at the county clerk’s office in St Joseph, Michigan. One is a for-profit business, and the other is a means of channeling money to Berrien County charities.

“My inspiration for this business is the Matthew 13 parable of the good soil which produces 100/60/30 times that which was sown. The goal is to take photos of places in the county that are overlooked by residents who might drive by the scene every day without seeing its natural beauty. Then, all the profits of the sale of the photo go to a local charity that use the funds to help 100/60/30 members of the community who are in need. We’ll see if all those years of teaching about marketing principles actually do work when put into practice!”

Jan hopes to continue her ongoing volunteer work, but is most looking forward to training Cooper, their golden retriever, as a therapy dog, and taking him to nursing homes, schools and other facilities to boost the spirits of people in need of canine affection.

“Cooper is a remarkable dog,” says Jan. “He loves people and has an amazing intuitive way of knowing just how to provide the emotional support most needed by each person.” Bruce says he will try turning their other golden retriever, Ella, into a (non-paid) photography assistant. They both are excited about these opportunities to render service to the community that God led them to in the most unlikely of ways almost 40 years ago.

## Shirley Freed receives J.N. Andrews Medallion

*For her contributions to teaching, leadership development and educational technology*

Shirley Ann Freed, professor emerita of leadership & qualitative research, received the J.N. Andrews Medallion from President Andrea Luxton at the July 31 summer commencement.

Freed completed a BA in biology and chemistry from Andrews University in 1967. She completed a Master of Arts in elementary education from Loma Linda University in 1989 followed by a PhD in curriculum and instruction from Andrews University in 1991.

**“Being with faculty, students and administrators who gave us room to ‘experiment’ was very satisfying.”**

Upon completion of her bachelor’s degree, Freed worked the following 16 years at Adventist schools in Canada. From 1983 to 1989, she served at Pakistan Adventist Seminary teaching at both the college and high school level. From there, she began work at Andrews University teaching in the English Language Institute while a part-time research assistant.

In 1991, Freed joined the faculty in the School of Education, broadening her scope in 2001 to include qualitative research and leadership. She added department chair of Leadership & Educational Administration and Leadership program coordinator to her responsibilities in 2003.

While guiding student research and helping

other faculty in the department serve doctoral students more effectively, Freed became a pioneer in leadership development and educational technology, helping to form, nurture and grow one of the largest leadership development programs in the history of Seventh-day Adventist higher education. That program has spawned other leadership development centers in the University and throughout the world.

Freed was also instrumental in the early work of Adventist Virtual Learning Network (AVLN) that innovatively pushed the margin of delivering and extending Adventist education to more places in the world. Her cross-cultural experience has made her flexible in adapting her teaching and learning practices to different cultural, religious and worldview perspectives, having given nearly 100 lectures and training sessions across the globe on learning and leadership.

She has served on over 100 dissertation committees and published dozens of peer-reviewed articles, booklets and papers in many scholarly disciplines, mostly with others who she has motivated to grow into scholars.

Freed says, “I was privileged to be at Andrews when we were experiencing major innovation in the leadership program, qualitative research and distance education. Being with faculty, students and administrators who



President Luxton congratulates Shirley Freed on receiving the esteemed J.N. Andrews Medallion during summer commencement

gave us room to ‘experiment’ was very satisfying. Receiving the award is an acknowledgment that Andrews is a place where change is embraced and that makes me very happy!”

Freed is the recipient of numerous teaching and research awards and her advisees have gone on to receive distinguished awards for their dissertation work. Even now as a professor emerita, Freed continues to teach globally, guide dissertations and both write and edit journal articles.

## PT Friendship Team goes to Lebanon

*Providing physical therapy care for those in need*

The Andrews University PT Friendship Team is a group of physical therapy professors, students and support staff who volunteered their time and skills to provide physical therapy care for those in need in Lebanon this summer. They served Syrian and Iraqi refugees, office staff, students and others in the communities of Bourj Hammoud and Bouchrieh in Beirut, Lebanon.

One of the key goals was to build friendships between Andrews University and partners in Lebanon. They served hundreds of patients who needed assistance with physical therapy needs such as back pains, knee, leg

and foot injuries, and strains and various mobility issues. The team visited patients in homes and various community centers.

The highway wall mural (*right*) was designed to raise consciousness of the unique challenges and contributions of those who have special mobility and function needs. The Friendship Team was hosted on the campus of Middle East University.

This is the 17th partnership trip for the PT Friendship Team to Lebanon to assist with



various projects. Friendship Teams from Andrews University have also served internationally in Romania, Honduras, Fiji, Egypt, Jordan and Zimbabwe.





# The Story Continues:

## Andrews Smiles at the Future

by Andrea Luxton

*I remember the conversation as if it was yesterday. And it happened like this...*

I came to Andrews University after completing a BA in English and theology at Newbold College, England. My future path was clear: I would take an MA in English at Andrews and then return to teach in England, as my father had done and my mother was still doing. I had made that decision at the age of 4 and the story of my life to that point was living out that decision and pursuing that future plan. My experiences had already been rich and I thought the rest of my “story” would unfold as I had envisaged. Then came the conversation.

What was I going to do when I finished? Go back and be an English teacher at secondary school in England. That was good, but had I considered I might want to....? And my mentor faculty who was asking me that question, without undermining my current dreams, identified other possibilities that could take my commitment to education and to service in the church in other directions.

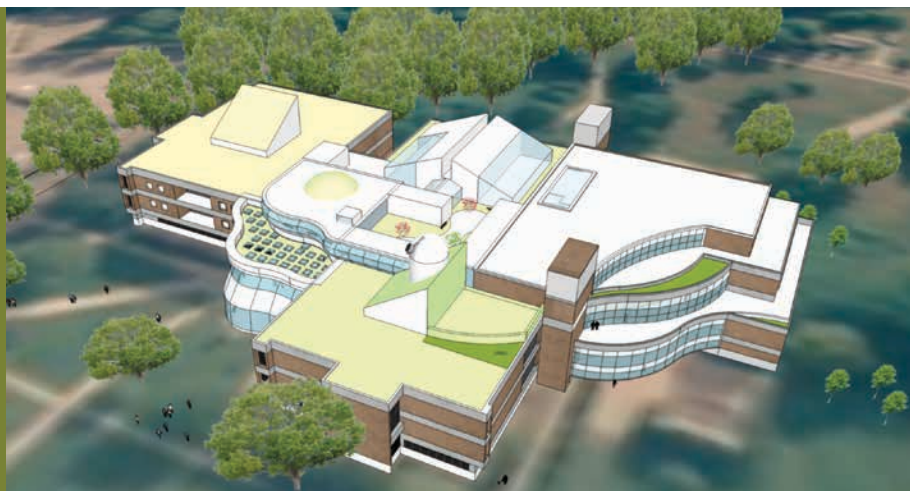
So the conversation ended. I did go back to England. I did teach English in the Adventist secondary school. It was four of the best years of my career. Yet the seed had been planted, the connections made that led ultimately to my decision to be a university-level teacher, then administrator, then travel to Canada, then to Andrews and now to be president. It was not just the words in that conversation that made the difference—it was the reality that as I shared in what it was to be at Andrews University as a master’s degree student, that my story developed multiple more possible endings than I had ever imagined.

So as I become president now at the University I am conscious of the power for good and for change that this University can represent: to individuals, to the church, and to the wider community. What does that mean in 2016? What can Andrews University do to build on its great story and traditions and reach into the future with relevance, offering hope to this generation? What is my vision for this campus?

I would like to express my vision in three ways.

First, what type of community do I want Andrews to become? Or put another way, what is the institutional culture that represents the best of Andrews University? Second, I want to focus on how we respond to some of the environmental factors that impact higher education in North America. Finally, I want to create a vision for you of what Andrews University might perhaps be in the future.

I started this article with a story—my story. In the editorial at the beginning of this magazine I talked about story too. And that is where I want to start in describing the type of community I want Andrews to become. When students come to Andrews, each comes with a story. A story partially told. Here they come into contact with hundreds of others, thousands of others, who also have a very real story. Some may have already included chapters of significant pain, others have seen little but success. The stories of cultures meet each other. The story of the city and the farm. The story of Africa and Asia. The story of the



A bird's eye view of a proposed "STEMplex" design that would connect to the existing Science Complex.



The proposed west entrance to a renewed architecture building complex

faithful and those who are searching. And amidst all of this is the story of Andrews—its values, its history. How will all these individuals, with all these backgrounds help us do something more than “business as usual?” How do we let students fulfill their dreams, or discover new ones? How do we understand difference and be global citizens in the truest sense of the word? I want an institutional culture at Andrews that instinctively values each person because we are listening to them. I want a culture at Andrews where each person feels they have a voice and have the responsibility to make a difference by being at this place. I want a culture where to share faith, grow in faith, is always a part of this University’s fabric, where the Christian story, the Adventist story is inescapably heard. Where academic excellence and prowess in research becomes integral to the campus story. My story, your story will be different because we were at Andrews. And Andrews’ story is also different because I am here and because you are here. When a community listens and engages they are richer for the experience, there is more opportunity for great ideas to surface, more likelihood of individuals discovering new opportunities and deepening their faith. That is what I would like for our Andrews’ community.

This may all seem a bit abstract written on paper, but what this means is that we will have a commitment within our administration to do what we can to create an

*Creating the right campus culture, responding proactively to the current educational environment and then imagining a strong and biblically faithful future for the University—that is my plan.*

environment of faith and community that is so attractive, students will hear about it and will want to be part of the unique Andrews experience.

Of course, 2016 in itself presents higher education with increasing challenges. Increased federal demands for accountability, demands for accreditation in multiple programs, all put pressure on universities to perform better, provide more information and do so more cheaply. Students and parents see community college as a way to start university-level education inexpensively. The cost of living at a distance encourages increasing numbers of students to stay home for as long as possible, and maybe use online learning as an alternative to the campus experience. And so the challenges continue.

While these pressures have impacted Andrews University enrollment in recent

years, I believe we are poised to move strongly into the future. This requires flexibility in delivery, and the growth of our online programs testifies to the potential success in that area. This will mean reaching down in high schools and academies and providing a seamless education experience for students. Creating more models to make that happen are part of our future and we have already begun to do this through our high school program and newly introduced Early College Experience that we ran late this summer. Responding to the current environment also requires us to be innovative, and think outside the box. What will innovation look like at Andrews? It will be rooted in our core values, summarized so well in our motto, “Seek Knowledge. Affirm Faith. Change the World.” However, it requires that with those roots we consider new ways of doing old things—perhaps new structures, perhaps new





The first group of students to attend Early College Experience, a new three-week academic experience for high school seniors and incoming freshmen



collaborations both internal and external, perhaps rethinking program designs to best meet the marketplace. It requires us to look at our arts, social sciences and humanities programs and give them a new voice. Ideas are already emerging on all of these ideas—future editions of FOCUS will roll out some of these initiatives. In the current environment we also need to be responsive to the marketplace beyond our campus. Many of our graduates do extremely well, with many of our programs reporting 100 percent employment and acceptance into graduate schools. But to employers, internships and engagement in the real-world environment are critical parts of what they expect from a graduate. We can still grow here.

I could say more of our exciting plans, but for now let me turn to the future—five years from now, seven years from now, what will Andrews University be?

Let me share what I hope it will be. We will still have a strong focus on our core values as a Seventh-day Adventist institution and as

*When a community listens and engages they are richer for the experience...*

a Christian community. We will be unapologetically Adventist. We will tell that story well. We will also have created a network of education opportunities and partnerships so that Andrews University will in continually new ways educate and deepen the faith and knowledge of thousands of students each year. From business, to education, to theology, the Andrews brand will be international and national. So that means we will be on the cutting edge of new technology, stepping into new opportunities, thoughtfully but deliberately. Our Berrien Springs campus will also remain strong—there is nothing like the campus experience for personal growth, especially if we can create the culture I describe above. That strength may be in the context of different demographics, as we recognize the move nationally towards more transfer students and more adult learners, but the education process will remain excellent. And it will be a campus with some new buildings. The Health & Wellness Center will be built and be a hub of activity for students. A new Health Professions building will house multiple health programs, including state-of-the-art nursing facilities that include a simulation center that will serve many different programs. The Howard Performing Arts Center will be expanded to house the music department and a small concert hall for chamber or solo concerts. The Architecture building will be renewed to meet best practice. The rapidly growing STEM

*Responding to the current environment also requires us to be innovative, and think outside the box.*

programs will be supported by a STEMplex building, with new spaces to keep pace with innovative opportunities.

I hope you are still with me as I reach the end of this vision for our future. This vision is by no means exhaustive of all the possibilities. And I admit that all these dreams may take longer than five to seven years to come to reality. But I want you to be excited with me at the possibilities. There are challenges ahead, but there are also many opportunities. Creating the right campus culture, responding proactively to the current educational environment and then imagining a strong and biblically faithful future for the University—that is my plan. But of course, I cannot do that alone. My colleagues, our church, the students, the alumni—you are all part of this vast exciting network of Andrews' people.

*Thank you as you support us as we move into the future.*



## Leaders in Christian Education



# Alumni Homecoming

September 29–October 2, 2016

### HONOR CLASS REUNIONS

1946, 1956, 1966, 1976, 1986, 1991, 1996 and 2006

### HONORED ALUMNI 2016

Gordon Bietz (BD '68, DMin '76)

Jon L. Dybdahl (MA '66, BD '67)

Benjamin Reaves (MA '66, MDiv '73)

Yew-Chong Wong (EdD '76)

Lily Wong (EdD '76)

## Thursday, September 29

**6 p.m.**

### Spirit of Philanthropy & Homecoming Banquet

*Great Lakes Room, Campus Center*

All alumni are invited to this premier Homecoming celebration. Members of the Class of 1966 will be inducted into the Golden Hearts Club.

Honored Alumni will be presented with the Andrews University Alumni Association Medallion, recognizing their outstanding service to church and community. The official kickoff for the Health & Wellness Campaign will also be announced.

## Friday, September 30

**8:30–10 a.m.**

### Women's Scholarship Committee Brunch

*Lincoln & Badger Rooms,  
Campus Center—RSVP required*

Featuring "A Chat with Andrews University's New President, Andrea Luxton." Meredith Jones Gray, English department chair, will interview our first female president.

**8:30 a.m. Shotgun start**

*(7:30 a.m. registration)*

### Wes Christiansen Memorial Golf Outing

*Harbor Shores Golf Club, St. Joseph, MI  
RSVP required—Entry fee: \$105*

*regular, \$50 AU students*

Price includes 18 holes of scramble golf with cart, lunch and prizes.

Support the Alumni Scholarship Fund while enjoying a morning of golf—Four Man/Woman Scramble.

**10 a.m.**

### Campus Bus Tour

*The bus will load at the Alumni  
House parking lot at 10 a.m.*

Tour guide: Rebecca May (BA '77)

Take a trip down memory lane, while being introduced to several new developments on campus.

**11 a.m.–2 p.m.**

### Health & Wellness Center Campaign Update Open House

*Howard Performing Arts Center Lobby*

Come learn about the programs to be housed in the new Health & Wellness Center. New architectural design will be showcased. Timeline for groundbreaking, construction and occupancy will be shared.

**12:30 p.m.**  
**Tambunan Leadership Luncheon (Student Programming)**  
*Badger Room, Campus Center*  
*By special invitation, RSVP required*  
This event is hosted for current Undergraduate Leadership students and provides an invaluable opportunity to learn and network with alumni professionals.

**1–4 p.m.**  
**Homecoming Classic Car Show**  
*Andrews Bookstore Parking Lot*  
Join us for this nostalgic second annual event, hosted by the Andrews University Bookstore. Plan to come and receive your coupon for a great opportunity and discount on Andrews gear and more.

**5 p.m.**  
**29th Annual Homecoming Parade**  
*Viewing bleachers curbside, between the Howard & Seminary*  
Come out and watch the pageantry of the creative floats, marching bands and fire trucks as they move through campus. Parade awards ceremony directly follows.

**6:30 p.m.**  
**International Flag Raising Ceremony**  
*Flag Mall*  
This annual ceremony provides a beautiful portrayal of our global family. If you have international attire, please wear it proudly! You are also invited to march with us in the preceding parade. Call 269-471-3345 to sign up.

**8 p.m.**  
**Lighthouse Vespers**  
*Howard Performing Arts Center*  
Speaker: A. Rahel Schafer (BS '01, MA '03, MS '09)  
Join us to worship and welcome the Sabbath together.

## Sabbath, October 1

**9 a.m. & 11:45 a.m.**  
**The Church at Worship**  
*Pioneer Memorial Church*  
Dwight K. Nelson (M.Div. '76, D.Min. '86)  
“#RxF4Now—The Regrets of Oscar Wilde”  
Scripture: John 15:4–5

**10 a.m. & 11:45 a.m.**  
**One Place**  
*Newbold Auditorium, Buller Hall*  
David K. Ferguson (AS '87, BA '87, MA '90)  
Series on Exodus, this presentation is based on chapters 13 & 14

**10:30 a.m.**  
**Sabbath School**  
*Pioneer Memorial Church*  
Presented by the Class of 1966.

**11:45 a.m.**  
**New Life Church**  
*Seminary Chapel*  
Michael Polite, associate chaplain  
“A Brand New Dxperience”  
Join the New Life Fellowship as they seek a weekly, tangible and authentic God-encounter!

**1 p.m.**  
**50th and 60th Class Reunion Luncheon Buffets**  
*Dining Services, Campus Center*  
Luncheon pricing: \$9.54 for dine-in; \$10.60 for take-out  
Senior citizen pricing: \$8.75 for dine-in; \$10.60 for take-out

**Class of 1966**  
*Lincoln Room, Campus Center*

**Class of 1956**  
*Badger Room, Campus Center*

**1:30 p.m.**  
**Department of Public Health, Nutrition & Wellness International Cuisine Potluck**  
*Marsh Hall, third floor*

**1:30–3:30 p.m.**  
**50 Years of Honors at Andrews University**  
*Nethery Hall 108, Honors Office*  
Continuing in the long tradition of Honors hospitality, please plan on stopping by the Honors office to enjoy savory and sweet delicacies and share lively conversation with Honors Scholars past and present.

**2:30–4:30 p.m.**  
**Retirement Celebration for Douglas Jones**  
*Nethery Hall, Room 126*  
Come-and-go reception with a special tribute presentation at 3:30 p.m.

**3–5 p.m.**  
**Museums and Open Houses**  
You are encouraged to explore campus and to check out your former department. Some buildings you may remember and others may be new to you. The following areas, among others, will be open.

**Architecture Resource Center**  
*Architecture Building*

**Biology Open House**  
*Bill Chobotar Student Commons, 2nd Floor, Price Hall, Science Complex*

**Natural History Museum**  
*108B Price Hall, Science Complex*

**Ruth Murdoch Elementary**  
*885 Garland Avenue*

**4–6 p.m.**  
**Class Reunion Photos**  
*Howard Performing Arts Center*  
Please plan to arrive 5–10 minutes in advance of scheduled time.

4:00 Golden Hearts Club  
(1966 and earlier)  
4:30 Class of 1946  
4:40 Class of 1956  
4:50 Class of 1966  
5:00 Honors Reunion Group  
5:10 Class of 1976  
5:20 Class of 1986  
5:30 Class of 1991  
5:40 Class of 1996  
5:50 Class of 2006

**5:30–7:30 p.m.**  
**Harvest Tours**  
*The wagon will load at the Alumni House backyard*  
Join the wagon tour as it meanders around the orchards and farm.

**6 p.m.**  
**Harvest Picnic**  
*Alumni House backyard*  
Join us for this family favorite Homecoming tradition. Enjoy fellowship, a light haystack supper and music by Uphill Climb.

**7 p.m.**  
**Grand Opening**  
*Robert & Lillis Kingman Observatory*  
Celebrate the opening of the new observatory.

**8 p.m.**  
**Alumni Homecoming Gala**  
*Howard Performing Arts Center*  
A complimentary concert featuring Andrews University's Department of Music ensembles: University Singers, directed by Stephen Zork; Symphony Orchestra, directed by graduate assistant Meriel Lora; and Wind Symphony, directed by Alan Mitchell. A dessert reception will be held during intermission.

**9 p.m.**  
**Alumni vs. Students Basketball Game**  
*Johnson Gymnasium*  
The Cardinal basketball teams will make their debut as they compete against alumni teams. Be sure and come to cheer your team on.

## Sunday, October 2

**8–9:30 a.m.**  
**School of Education Alumni Breakfast**  
*Room 180, Bell Hall*  
Come see Bell Hall and enjoy a delicious breakfast with fellow graduates from the School of Education. Hosted by the Department of Leadership.

**8–10 a.m.**  
**Agriculture Breakfast**  
*Room 114, Smith Hall*  
Alumni and friends are invited to enjoy a delicious breakfast and wonderful fellowship!

**7:30–11 a.m.**  
**Aviation Annual Fly-In/ Drive-In Pancake Breakfast**  
*Andrews University Airpark*  
Adults \$7 (children ages 10 and under \$3)  
Come for a hearty pancake breakfast in one of our large hangars. Stay to check out the interesting aircraft or vehicles that show up.

**9 a.m.**  
**Harvest 5K/10K and 1 Mile Walk**  
*PMC Parking Lot*  
(Registration and packet pick-up from 7:30–8:45 a.m.)  
Adults \$30, Students and children 12 and under \$15



# Research and Creative Scholarship

at Andrews University

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Summer 2016, Volume 7

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# Research and Creative Scholarship

at Andrews University

Summer 2016, Volume 7

- 3 **Beware the Mutant Veggie Dog: Mutagenicity and Plant Proteins**  
*Ryan Hayes*
- 5 **Rediscovering San Miceli**  
*Randy Younker*
- 7 **Deep Text: Developing a Canonical Theological Method**  
*John Peckham*
- 9 **Sonatas and the Art of Listening**  
*Carla Trynchuk, Chi Yong Yun*
- 11 **Diversity in Psychology and Art**  
*Herb Helm*
- 13 **Pursuing Truth with Documentary Film**  
*Paul Kim*
- 14 **Reimagining Race in Renaissance Literature**  
*Vanessa Corredera*
- 16 **Undergraduate Research Mentor Award**
- 16 **Horn Award Recipients**
- 17 **Exploring the Composition of the Pentateuch Conference**
- 17 **Andrews Research Conference**
- 18 **University Research Projects**

Editors: Pat Spangler, Gary Burdick

Writer: Sarah Burton

Photographers: Darren Heslop, Christa McConnell, Heidi Ramirez, David Sherwin

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COVER: *Herb Helm has been raising parrots for over 30 years. While doing his doctorate, he worked on a bird farm in Mississippi that supplied birds for pet shops in the southeast. "Parrot Haven" is made up from photos taken of Macaws in Florida. The blue Macaw belongs to Herb.*

AUGUST 2016



Rigorous investigation, sound methodology, and creative analysis are trademarks of research and creative scholarship. All "texts" and "elements" demand to be treated with integrity, whether the musical text of a Beethoven sonata, the visual text of a painting or documentary film, or the elements of heterocyclic amines and mosaic remains. The faculty highlighted in this brochure exemplify a commitment to inquiring with integrity that represents the philosophy of Andrews University.

For Ryan Hayes, associate professor of chemistry, arginine-based compounds arising from the burning of soy-based products are the elements under investigation. Along with his students, Hayes is working to determine their mutagenicity, which has both scientific and nutritional implications.

Randall Younker, professor of archaeology and history of antiquity, Constance Gane, associate professor of archaeology and Old Testament, and Paul Ray, associate professor of Old Testament and biblical archaeology, form part of a team that is excavating San Miceli, an early Christian archaeological site in Sicily, in hopes of gaining a better understanding of Sicilian paleochristianity.

John Peckham, associate professor of theology and Christian philosophy, is developing a theological method based on a canonical reading of the Bible, which provides a framework for analyzing the concept of divine love and the problem of evil.

Carla Trynchuk, professor of violin, and Chi Yong Yun, assistant professor of piano, collaborate on a violin-piano repertoire, performing together across the United States and overseas as a duo and in chamber ensembles.

Psychology professor and artist Herbert Helm combines his love of diversity in his projects as a researcher and watercolorist. An award-winning artist, he also mentors undergraduate students in psychology research.

Paul Kim, associate professor of documentary film, tells stories through film. His work is both ethnographic and artistic, whether capturing the Holbrook Indian School narrative or the legacy of Andrews University's President Emeritus, Niels-Erik Andreasen.

Vanessa Corredera, assistant professor of English, analyzes the implications and reimaginings of race in renaissance literature and its contemporary readings. She engages a variety of media types, including a podcast, film, novel and play adaptation.

Over the past year, our faculty and students have hosted and participated in a number of academic conferences, exemplified by two conferences mentioned here. The third annual Andrews Research Conference, "Early Career Researchers and Creative Scholars in the Arts and Humanities," featured presentations by Adventist scholars in the areas of visual art and design, education, literature, music, theology and more. Renowned Bible scholars from around the world came together for a discussion of the literary characteristics of the Pentateuch at the "Exploring the Composition of the Pentateuch Conference."

Andrews University faculty and students give presentations at national and international conferences and publish in a wide array of peer-reviewed venues. Their many accomplishments are a testament to their dedication to research and creative scholarship.

Sincerely,

Gary W. Burdick  
Dean of Research

# BEWARE THE MUTANT VEGGIE DOG

## Mutagenicity and Plant Proteins

It all started with charcoal. Ryan Hayes, associate professor of chemistry, worked briefly with local company NeoBiotech on charcoal patches in 2011 and started asking questions like, “Why are some burned things good, like charcoal, but other burned things, like grilled meat, cause cancer?” Hayes posed the question to his General Chemistry class, piquing the interest of student Tyler Pender. The two discussed possible theories and a research project was born.

“Charcoal is made from carbonaceous material, usually coconut husk, that is burned at very high temperatures. Carbon is all that is left. Charcoal is non-polar and passes through your system. It’s harmless,” explains Hayes.

Charred food is another matter. “Food is not burned at a high enough temperature for it to be reduced to purely carbon atoms.” In burned meat, molecules called heterocyclic amines (HCAs) are formed when creatine reacts with various amino acids. HCAs are carcinogenic, meaning that they cause cancer.

HCAs are so named because they contain other elements besides carbon (hetero), have a ring-like structure (cyclic), and contain nitrogen (amine). Researchers have isolated about 25 different compounds, which have been shown to cause cancer in animals.

According to the National Cancer Institute, meat cooked at temperatures above 300°F or cooked for long periods of time “tend to form more HCAs.” Epidemiologic studies have confirmed that, “high consumption of well-done, fried, or barbecued meats is associated with increased risks of colorectal, pancreatic, and prostate cancer.”<sup>1</sup>

**RIGHT:** Ryan Hayes, associate professor of chemistry, supervises Irene Hwang, senior biochemistry/pre-dentistry major, as she sets up an experiment to burn amino acids from plants (soy protein powder), that will be analyzed for possible mutagenic molecules after the burning process.

Hayes and Pender wondered what would happen if non-meat protein was burned. “All the research identified that creatine, which comes from the muscle tissue of animals, had to be present in order to form these molecules. Plants don’t have creatine, but they do have other amino acids, so we asked, is it possible to get carcinogens from burnt plant protein?”

They began reading relevant literature and were able to find previous research that suggested arginine, a plant amino acid, might react similarly to creatine. This is of particular interest to vegetarians since arginine, along with all the other major amino acids, is found in soy protein.

As they narrowed down their literature search to arginine-based studies, Hayes and Pender came across the 1994 research papers

of James Felton and his research group. “The researchers found that mutagenicity can occur when you burn arginine with other amino acids,” says Hayes. Mutagenic molecules alter DNA, which means they may be carcinogenic.

Felton and his colleagues discovered that some burned grains developed mutagens, “but they did not continue the research to isolate any of the molecules or identify chemical structures.” It was a research project waiting to be continued. “No one was looking at the chemical structures of these potentially mutagenic and potentially carcinogenic molecules from burnt plant proteins,” says Hayes.

“Tyler and I started looking at the methods used in the creatine-based research for burning the amino acids, separating the molecules, and honing in on heterocyclic amines,” he



says. As they learned the various methods and developed them for their specific project, they came across a surprising discovery.

Initially, they thought that arginine might create the same compounds as creatine when burned, since they share a similar structure. However, “what Tyler and subsequent students have shown is that we are making something different,” says Hayes. He refers to these new compounds as arginine-based heterocyclic amines.

As the research developed, Hayes incorporated more students, funded by Undergraduate Research Scholar awards, into various aspects of the project and received internal Faculty Research Grant funding. The research team, known as the HCA (heterocyclic amines) Group, has spent the last several years acquiring the necessary equipment and refining their



methods of burning, extracting and isolating various arginine-based heterocyclic amines. “We knew what the problem was,” says Hayes, “but getting the methods in place and bringing in new equipment was important.”

This last school year, the HCA group began their experiments by combining arginine with the amino acid phenylalanine. The process begins by burning the mixture at a high temperature. Once the mixture is burned, they extract the desired material using a number of different solvents, and then separate the molecules using a newly acquired preparative scale High Pressure Liquid Chromatography (HPLC) machine. Finally, they analyze the



Ryan Hayes

molecular structure using nuclear magnetic resonance and mass spectroscopy. Each different molecule has to be isolated and analyzed separately.

Hayes is anxious to get structural

information on all the various molecules. David Alonso, a former Andrews University chemistry professor who now works at LECO in St. Joseph, Michigan, has offered to help the HCA group with the structural analysis aspect of the research. LECO is a manufacturer of chemical analysis equipment, “and they have some very specialized equipment that could help us figure out the structure,” says Hayes. Once the structural data has been analyzed and they can demonstrate that the molecules they are finding are a new class of heterocyclic amines, the team can publish their material.

Besides analyzing the structure, one of the most important aspects of the research is the Ames test, a mutagenicity test used by previous researchers that is conducted at the same stage as the spectroscopic analysis. Robert Zdor, professor of biology, has been working with the HCA Group to refine the test.

Eventually, tests will need to be run on the molecules to determine if those compounds found to be mutagenic are also carcinogenic. However, that would require animal testing, the approval of the Institutional Animal Care and Use Committee and additional funding. For now, the project

is limited to studying mutagenicity.

“We’ve had one compound go through the Ames test and show that it was as mutagenic as the molecules created by burned creatine,” says Hayes. While the researchers are excited, they are also a little concerned. Soy protein isolates, which are used in vegetarian soy products, contain arginine. Soy is “high in arginine and in all the amino acids,” Hayes explains. “It’s the complete protein source.”

Most scientists see meat as a larger problem, but vegetarians may find that burning a veggie hot dog is no safer than burning one made of meat. “We may be exposed to something toxic that we don’t know about,” says Hayes. “I think one of the lessons coming out of this is that you have to be careful. You can’t just do whatever you want to plant based food.”

“The other thing that we will probably find out is that when you isolate these amino acids away from the plant product, they are more susceptible to becoming mutagenic and carcinogenic under heating conditions than the whole plant.” The one bright spot in the

**Most scientists see meat as a larger problem, but vegetarians may find that burning a veggie hot dog is no safer than burning one made of meat.**

meat studies was the finding that herbs and seasonings on the meat reduced carcinogens. This implies that the whole plant, due to its natural antioxidants, has built-in barriers to becoming carcinogenic.

“I think we may find that if we burn a whole soybean, it may not produce these heterocyclic amines.” Burning a veggie hot dog that has been processed and contains protein taken away from the structure of the plant, and its carcinogen-blocking antioxidants, may be another matter. Hayes hopes to involve the Department of Public Health, Nutrition & Wellness in investigating the cooking conditions of soy-based foods and the possible effects of frying and grilling.

So far, the team has only analyzed the compounds resulting from mixing arginine and phenylalanine. All the other amino acids remain to be tested with arginine, but Hayes is optimistic about long road ahead. “It’s a lot of work to run these tests,” he admits, but he has formed a team of capable students who understand the literature and methods and are invested in the project. “It’s so rewarding to see the students take ownership of the project,” he says. “You have a real partnership with the student at that point.”

Members of the Hayes group, like Tyler Pender, J.C. Lynch, Zach Reichert, Michael Plantak and Andrew Stewart, have developed the research into Honors theses and independent research, presenting at the Honors Scholars & Undergraduate Researchers Poster Symposium and the Michigan Academy of Science, Arts & Letters.

Although most of these students have now graduated, they have trained successors to continue the work. For Hayes and his students, this research project “shows what Andrews University can do. We can address and inform health-related issues.”

<sup>1</sup> <http://www.cancer.gov/about-cancer/causes-prevention/risk/diet/cooked-meats-fact-sheet>. Accessed July 15, 2016

# REDISCOVERING SAN MICELI

In 1893, Sicilian locals found a gold coin in a field just north of the town of Salemi, Sicily. Excited about the find, local archaeology enthusiasts contacted Antonino Salinas, the director of the National Museum in Palermo. Salinas began excavating the site later that year in a whirlwind dig that lasted only a few weeks.<sup>1</sup>

His findings—a church with three mosaics, tombs, buildings, monumental architecture, Greek and Latin inscriptions, and more coins—were published with equal rapidity. Salinas believed that the lower mosaic he had uncovered was from the earliest church in Sicily.



The site, known as San Miceli, became a subject of controversy, with scholars debating whether or not the church really could be the earliest. They questioned the credibility of Salinas' quick work, and since some of the

smaller artifacts had disappeared, it was impossible to come to any definitive conclusions. The beautiful mosaics of San Miceli were reburied and the site slipped into obscurity.

In 2012, Randall Younker, professor of archaeology and history of antiquity, director of the Archaeology PhD program and director of the Institute of Archaeology at Andrews University, began looking into the possibility of starting an excavation at a New Testament or Paleochristian (Early Christian) site.

Andrews University, through the Madaba Plains Project<sup>2</sup>, has had a presence in Transjordanian archaeol-



*The team at the 2015 San Miceli Conference in Sicily.*



ogy for almost 50 years with digs at both Tall Hisban and Tall Jalul in Jordan. Although the digs began as strictly Old Testament excavations, archaeologists have recently expanded their research scope to include the Roman, Byzantine and Islamic periods. This is due to the fact that one must dig through remains from these periods in order to access the older material and that a more complete picture of the site emerges when all the data, rather than material from just one time period, is examined. Still, the digs in Jordan did not offer much by way of New Testament and Early Christian history.

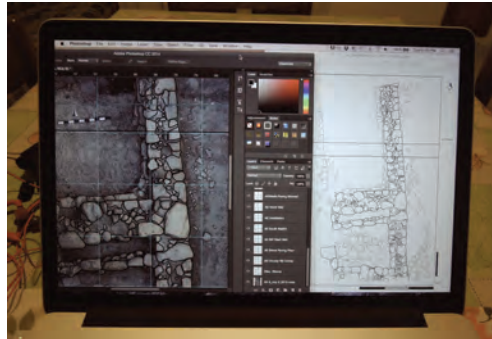
Elisabeth Lesnes, professor at Istituto Tecnico Statale per il Turismo Marco Polo, Palermo and a research associate of Younker's, had connections in Sicily, and suggested that Younker look for a site there. As Younker began reading literature on Sicilian archaeology, he came across Salinas' excavation of San Miceli. It seemed like a perfect fit. No one

**San Miceli provides archaeology students with the Paleo-Christian context for excavation, which is a first at Andrews and in the Adventist church. Students can now excavate at sites relevant, both in location and time, to the Israelite exodus, the monarchy, the exile and the fledgling Christian church.**

had excavated the site since Salinas' expedition and it was right in the time period that Younker was looking for.

"According to the ceramic evidence," Younker says, occupation of San Miceli "started in the Roman period in the 3rd century BC and continued to be occupied until the 7th century AD. That's almost 1,000 years of activity in this little village. It was occupied at the time when the pagan Romans converted to Christianity and Christians became the majority," making it a significant site for understanding Sicilian Paleo-Christian history.

In 2014, Andrews University launched its first excavation in Sicily. Younker assigned PhD students as directors to the three fields along with a supervising professor. Constance



ABOVE: Constance Gane's technical drawing in progress  
RIGHT: Christopher Chadwick entering data on his iPad

Gane, associate professor of archaeology and Old Testament, and curator of the Horn Archaeological Museum, worked in Field A with student director Christopher Chadwick. This area, according to Salinas' findings, contained architectural remains that were thought to be the ruins of a village or town, as well as tombs. Re-excavation of Field B, the site of the basilica found by Salinas, was directed by student Shellie Cox, with supervision from Younker.

During the first excavation, the team was able to find the original mosaic that Salinas had found, discovering that he had excavated only a portion of it. The new section contains a bird, which is now part of the logo for the site.

"We found new tombs," Younker explains, "and the most exciting discovery was that there was not just one church with three separate floor phases," as previously thought, "but two churches built one on top of the other. We were able to find coins at the very bottom layer of the earliest church and at the top on the destruction layer which enabled us to date it to the time of Constantine II in the 4th century AD." This indeed makes it one of the earliest churches in western Sicily.

The team returned to San Miceli last summer from May 21–July 7 to continue their work along with supporting faculty, and participants from the United States, Canada, France, Germany, Italy, Brazil, Argentina and Peru, among others. Elisabeth Lesnes, co-senior



Randy Younker

project director and local liaison, and Giorgia Lanzarone, a ceramics specialist, organized the Italian participants.

During the second excavation, re-used Doric columns were found in the walls of



the first church, indicating that an earlier pre-Christian building, perhaps a pagan temple, previously stood in the same place or nearby. The second church, built after Vandal invaders demolished the first church in the late 5th century AD, was destroyed in the mid-7th century AD, probably by Arab invaders. "We found two coins, including one gold coin found by Christopher Chadwick, that date to 652–653, right in the destruction layer in perfect condition," says Younker.

In addition, a large destruction layer from the 5th century was found in Field A. "Even though archaeologists have been digging in Sicily a long time, very few have found such a large destruction layer intact. It went across the entire field around the basilica," enthuses Younker. "We have entire rooms where the roof collapsed and we found roof beams and nails. Underneath, we found contemporary amphorae, which are storage jars for trading. This might indicate that the church community was involved in trading. The archaeology specialists were very excited about that."

In the same area, a 7th century destruction layer was found. Michel Bonafe, one of the top ceramic specialists, was particularly excited about this find. "He told me that archaeologists have never found a 7th century layer intact. That's one of the weakest areas in Sicilian archaeology, we don't know much about the ceramics," says Younker.

Diagnostic artifacts, such as coins and pieces of broken ceramics called potsherds, are important for excavations because they allow scholars to date the various archaeological layers. Paul Ray Jr., associate professor of Old Testament and biblical ar-

chaeology, director of archaeological publications, and associate curator for the Horn Archaeological Museum, notes, “We find a lot of western terra sigillata<sup>3</sup> and African red slip. These kinds of wares have been known for a long time in Europe.”

Due to the “long history of imported wares,” scholars are able to date ceramic remains down to 25-year increments. “We have experts that come in and tell us exactly what part of a specific time period the artifact is from,” says Ray. The team also uses 3D scanners to scan the objects.

Photography and drawing top plans are another important part of the data collection process. Jacob Moody, a PhD student, took photos of each field every day using an industrial camera pole, which functions like a glorified selfie stick. After taking photos of the fields from several different angles, he used special software to stitch the photos together, creating a 3-D geo-referenced panorama of the field.

The Andrews’ team members are not the only ones excited about what they were discovering. “The local people are very much interested in archaeology,” says Younker. “The press came out several times and we were in several newspapers.” “They are so excited that we care about their history, their ancestry, and their world,” agrees Gane. The local archaeology

group has shown their support for the project by putting together an evening conference at the end of each season to highlight the excavation.

Findings from the excavation have also been presented at the American Schools of Oriental Research (ASOR) annual meeting in a special session dedicated to Sicily. “This year we are having a second all-Sicily session and we have some important speakers including Lorenzo Negro, the director of digs at Jericho and Sicily,” says Younker.

Younker is also working with contacts in Sicily and ASOR to set up an ASOR-run archaeology research institute in Sicily similar to ASOR’s American Center of Oriental Research (ACOR) in Jordan. This would provide visiting and resident archaeology scholars with a central location for relevant books, articles and other resources relating to Sicilian archaeology. It would also function as a place for visiting scholars to stay during extended research periods.

The team returned to Sicily this summer with the goal of learning more about the history and inhabitants of San Miceli. Younker plans to continue opening up a large structure, which they now think is a villa, in Field A and excavate more of the basilica in Fields B and C. “We hope to find some houses,” he says, particularly “earlier houses during the transition” from the Roman period to Christianity.

San Miceli provides archaeology students with the Paleo-Christian context for excavation, which is a first at Andrews and in the Adventist church. Students can now excavate at sites relevant, both in location and time, to the Israelite exodus, the monarchy, the exile and the fledgling Christian church. In all likelihood, early believers meeting together at San Miceli discussed events that took place not far from the Madaba Plains and the sites of Tall Hisban and Tall Jalul.

1 Randall W. Younker, “San Miceli 2015,” The Institute of Archaeology Siegfried H. Horn Museum Newsletter, Winter 2016, 1–2

2 <http://www.madabaplains.org>

3 Fine red Ancient Roman pottery with a glossy slip

# Deep Text

## *Developing a Canonical Theological Method*

“Divine love is a central component of God’s character, with abundant implications regarding all areas of theology.”<sup>1</sup> So begins the opening chapter of “The Love of God: A Canonical Method” by John Peckham, associate professor of theology and Christian philosophy.

“The Love of God” was born from Peckham’s dissertation, which he completed at Andrews University. Peckham was originally interested in working on the problem of evil, but found that it was too large to engage in a dissertation. “At the center of the problem of evil is the concept of God’s love,” explains Peckham. Peckham decided to focus on divine love, “not just love itself, but what it is in the context of the God-world relationship, which has implications relative to determinism and other essential theological concepts.”

However, in order for Peckham to study the biblical concept of divine love, he needed a methodology. Adventist systematic theology is still in the developmental stages, so Peckham “had to think carefully about how to construct a model systematically that was consistent with our well-established exegetical models.”

Peckham began by inverting the standard methodology of investigating from “first principles” to the text. Instead, he attempted to begin with the text, searching for what it could tell him about the first principles. Building on the work of Fernando Canale, professor emeritus of theology and philosophy, Richard Davidson, J.N. Andrews professor of Old Testament interpretation, and eminent scholar Brevard S. Childs, Peckham developed an approach he calls the “canonical theological method.”

*continued*

BELOW: Shelly Cox excavating a tomb at San Miceli



The canonical theological method understands “canon” to mean both rule of faith and a unified collection or corpus, namely the biblical text. For Peckham, “Scripture is the canon because it consists of just those writings that God divinely commissioned to be canonical in the sense of a rule of faith. And if God commissioned them to be canonical in the sense of faith, what else should we build our theology on?”

This method posits that, if one takes the canon as the rule, all interpretations must continually be measured against the canon. Individuals may not come to the same interpretation and may in fact disagree, and, Peckham argues, “our interpretations will never be final. This is not a problem, rather it’s an opportunity to continually reform and correct our views so that they are in line with Scripture.”

While modern scholars took a stance of “hermeneutical positivism,” believing that everyone could come to the same conclusions if they read the text using a certain method, Peckham acknowledges that reading the biblical text is far more complicated. He also disagrees with communitarians, who argue for the community or its creeds to play the role of “normative interpretive arbiter,” reading the text through the lens of the Nicene or other ecumenical creeds in order to reach a consensus.

“The problem with the communitarian view is that if you say there is an extra-canonical normative interpretive arbiter of Scripture, then what truly has functional authority? Scripture can only say what the interpretive arbiter allows it to say,” he explains. Peckham rejects isolationism, the idea that every individual becomes their own interpreter, as well. “We have to recognize that there is a proper role for the community, it’s just not determinative or final.”

So how do we interpret the Scriptures? Peckham suggests looking at the interpretive process as a “hermeneutical spiral,” which he defines as “a continual spiral at two levels of what are called the hermeneutical circles.” In the first circle, there are two parties: the reader and the text. The reader brings presuppositions to the text, “but the text affects the reader and, if it is a canonical text, the reader should always submit to the text. It is a kind of disposition towards the text; an intentional posture that you take, not just a methodological step.”



John Peckham

“I found many things that contradicted what I would have thought, which was comforting, because it led me to believe that I wasn’t imposing my view on the text all the time.”

The second circle “is the circle between the individual parts of Scripture, or micro-exegesis, and the canon as a whole.” The reader’s presuppositions affect how they read the individual texts and their reading of the individual texts informs the understanding of the canon as a whole. “Both should be working together in a reciprocally helpful spiral in a way that the reading of the canon never imposes on the individual texts.”

Exegetically, there may be more than one acceptable reading. But, Peckham suggests, “the canonical reading can help choose between those options. If the canon is a congruent corpus, there may be only one or two options in a given pericope that fit with what the rest of the canon says.”

He applied the canonical theological method in his research on divine love, taking great care to allow his questions of the text to be shaped by the canonical investigation. “I found many things that contradicted what I would have thought, which was comforting, because it led me to believe that I wasn’t imposing my view on the text all the time,” he says with a laugh.

Peckham worked his way through the entire Bible, flagging any texts that related to the questions he was asking. Using this

inductive method, he systematically analyzed all the flagged verses, looking for patterns. His analysis factored in “how words were used in the text both thematically and conceptually. It opened up an abundance of word groups related to delight and pleasure, which are closely associated with love.”

He eventually came to five aspects of divine love, which are distributed across the various canonical sections (law, writings, prophets, etc.). “I also used secondary sources, going through commentaries on both sides of the historical critical argument, and developed a model that responded to the questions about divine love,” he says. He then used that model to flesh out the implications for the God-world relationship.

Peter Lang first published Peckham’s findings in his edited dissertation, “The Concept of Divine Love in the God World Relationship” (2014). “The Love of God,” which builds on his doctoral research, was published in 2015 and won Intersivarsity Press’s Reader’s Choice Award. In November of this year, Eerdmans will publish his book “Canonical Theology: The Biblical Canon, *Sola Scriptura* and Theological Method,” an expansion of the canonical theological methodology he developed for his dissertation.

Peckham is now coming full circle to the topic that originally sparked his interest: the problem of pain. Using the same inductive method, he has systematically surveyed the entire biblical text for relevant pericopes and is now analyzing the themes and patterns that have emerged from the text. Before him lies a laborious journey through the data he has gathered.

For Peckham, the theological landscape changes with his deepening understanding of biblical literature and each new project he tackles. “Classical Theology,” he says, “was trying to build a cathedral that they could defend. I use the analogy of a moving wilderness sanctuary. We aren’t trying to build all the structures of ontology and epistemology, not that we don’t speak to these areas, but we don’t answer all the questions these areas raise because we might not have enough data to answer all of them to our satisfaction. We want to move *with* our understanding of the canon.”

1 John C. Peckham, “The Love of God: A Canonical Model” (Downers Grove, Illinois: Intersivarsity Press Academic, 2015), 15

# Sonatas and the Art of Listening

Sonata: literally meaning “a piece of music.” The word has its origins in the Latin word *sonare*, or “to sound.” The word now refers to a specific form of music, which—as famed conductor and composer, Leonard Bernstein, put it—comes from the first movement of the piece. The first movement is characterized by a “perfect three-part balance,” and “the excitement of its contrasting elements. Balance and contrast—in these two words we have the main secrets of the sonata form.” A sonata written for a full orchestra is called a symphony; when written for four instruments, a quartet; for three instruments, a trio; and for just two instruments, a sonata.<sup>1</sup>

It is in the latter duo format that Chi Yong Yun, assistant professor of piano and piano area coordinator, and Carla Trynchuk, professor of music and string area coordinator have been performing together over the last several years. Yun, a graduate of Indiana University and doctoral candidate at the University of Illinois, Urbana-Champaign, and Trynchuk, a graduate of Juilliard School, began collaborating shortly after Yun’s arrival at Andrews University in 2008.

“The first step in our collaboration is finding a piece that we want to perform,” Yun says. Some of the venues in which they perform already have an established repertoire. “In other concerts,

we have the liberty to put the program together,” says Yun. The pair usually performs duo repertoire, selecting sonatas from a variety of eras or to fit a specific theme. This last Valentine’s Day, they performed a number of light-hearted pieces including Beethoven’s “Spring Sonata for Violin & Piano,” Sibelius’ “Berceuse” and “Country Dance” in “An Evening of Violin and Piano Pieces” at the Howard Performing Arts Center. Previous concerts have included works by Leclair, Saint-Saëns, Franck, Martinu, Brahms, Faure and Vaughn Williams.

Carla Trynchuk & Chi Yong Yun





Trynchuk, Stephen Framil &amp; Yun



Over the course of their seven-year collaboration, they also have incorporated other instrumentalists, such as cellist Stephen Framil or the American Piano Quartet. In 2015, Yun, Trynchuk and Framil performed Schubert's "Piano Trio in B-flat major" and Dvorak's "Trio in F minor" at Andrews University and several locations in Pennsylvania.

As experienced musicians and collaborators, preparation comes easily for Trynchuk and Yun. After working on the pieces individually, they meet to rehearse several times before the performance. "We read through the music together and make some comments," says Trynchuk, "but it falls together very quickly."

Trynchuk and Yun attribute the ease with which they collaborate to each other's musicianship. "It's the musical energy that we get from each other that fuels our collaboration and drives us to keep collaborating. Collaboration requires personal and musical chemistry. Working with a refined musician, like Carla, makes everything so much easier and more pleasurable," asserts Yun. Of Yun, Trynchuk says, "Her artistry is truly exceptional. She performs with a remarkable grace

**"I think the art of listening is something that students need to learn. We assume that musicians are constantly listening, but that's not always the case," Trynchuk muses.**

and beauty with a natural ability to bring out the entire spectrum of colors, characters, emotions and depth of any composer."

Every part of the collaboration has its joys, but both musicians agree that their favorite aspect is the performance itself. Many of their performances together have taken place on the Andrews University campus as part of the Howard Series performances, Faculty Recitals or Second Sunday Concert Series, but they are in no way limited to the Andrews campus.

For the past several summers, both musicians have participated in the Oregon Music Festival, held in Portland, Oregon. In 2015, both musicians were "artists-in-residence" at the festival. Trynchuk directed the Oregon Music Festival String Program and performed chamber and solo works, while

Yun performed with the Orpheus Academy Orchestra and Oregon Festival Orchestra.

Beyond the personal and professional benefits of their collaboration, Yun and Trynchuk find working together to be helpful in their music studios as well. "Teaching a work you have performed brings a different perspective," Trynchuk notes. "And," Yun adds, "students appreciate coming to a performance and observing how what they are learning is put into practice." "It's an inspiration for the students to have musical role models," Trynchuk agrees.

Seeing these professors perform also provides students with an example of how artists can work together. Yun has been active in promoting a spirit of collaboration among her students. "I developed a piano-ensemble class with the main purpose of educating pianists on collaborative performances, not just as an accompanist, but as a 50/50 collaborative artist," she says. "The goal is for them to learn the balance and technique required to work professionally and musically with other musicians."

"I think the art of listening is something that students need to learn. We assume that musicians are constantly listening, but that's not always the case," Trynchuk muses. If performed correctly, the music itself allows all the featured instruments to be heard. In the pieces they play, Yun notes, "the main elements of the piece expose both instruments. The music gives us equality."

In 2015, the duo traveled abroad to perform in Paris, France and Zagreb, Croatia. "We hope to do more trips together," Yun says. During their tours, both Yun and Trynchuk give master-classes in their separate areas, which enables them to mentor up-and-coming musicians and spread the word about the Andrews University Department of Music.

The pair has already thought about some of the future pieces they hope to perform. "One is the Beethoven-Kreutzer Sonata. If we have one piece that we know we want to work on, we create the program to complement that piece," says Yun. When asked if they had a favorite piece that they performed, Trynchuk responded, "The piece I am working on becomes my favorite. I like it that way."

1 Leonard Bernstein, "Young People's Concert: What is Sonata Form?" Script available at [leonardbernstein.com](http://leonardbernstein.com)



# Diversity in Psychology and Art

*Lanterns hang like jellyfish from wires strung across the narrow street. The watercolor painting captures the almost transparent quality of the papery orbs and the dense, white smog of San Francisco. On either side of the street, oriental shops raise an eclectic mix of Victorian and pagoda roofs toward the unseen sky.<sup>1</sup>*

John Salminen, the watercolorist who painted “Grant Lanterns,” figured he could usually predict the places on the painting where people would look. The lanterns, of course, would be one of the main focus areas. After all, they are right in the center, the dark circles a stark contrast to the smoggy sky.

Herb Helm, professor of psychology and amateur watercolorist, wanted to find out if Salminen’s predictions would prove correct. Karl Bailey, professor of psychology, worked with Helm on the project, running eye-

tracking tests to see where viewers actually focused their attention.

While Salminen “was fairly good at knowing where people would look,” they discovered that viewers often focused more on a small blob of bright red on the left than they did on the lanterns. The small area has no definite shape and is the only bright color in a dark mass of storefronts. “No one predicted people would look at these small, but contrasting, elements,” says Helm.

Helm became interested in the psychology of art while taking watercolor classes, a hobby he picked up in his mid-40s. “When you take classes with watercolorists, they give you advice on technique and composition. They tell you that you should lead a person through a painting: so one element should lead to another and so on to the element that you want to highlight, where you want people to focus. And I would sit there and think, that

**ABOVE:** “On the Go” is based on a photo Helm took of downtown Chicago. He says, “it looked like a hotel had just let people out and basically everyone on the sidewalk has some type of suitcase or backpack.”

makes sense, but how do you really know?”

Helm decided to involve Karl Bailey, who has expertise in eye-tracking, to find the answer. “There are a few articles like this out there,” Helm admits, “but they mostly use the artwork of deceased artists. How do you know what the dead artist wanted you to look at?” Instead, Helm used the work of John Salminen, a watercolorist whose workshop he was attending.

Salminen, “who is probably one of the most awarded watercolorist in the United States,” agreed to allow his paintings to be used and predicted where he thought viewers would look. Helm also used the paintings of a local artist, from whom he was also taking classes, as well of some of his own artwork.

**RIGHT:** This image, named “cta,” was inspired by a workshop taken from artist John Salminen. As a result of admiring Salminen’s complex urban paintings, Helm went to Chicago and took a number of photos of various scenes that caught his attention and then painted them.

After nearly four years of research and writing, Helm and Bailey published their findings in *Watercolor Magazine*.<sup>2</sup> They are still working with students to analyze the data they gathered, but with different foci.

Helm’s interests in psychology and art are not usually so closely linked. Helm has done research on “everything from assessment instruments, to the psychology of religion, risk behavior, and art.” Some people might call that “being all over the place;” however, Helm prefers to call it “diversity.”

“I think that one of the things that keeps me more interested” in research “is if there is a lot of diversity to what I am doing. A lot of people get their research program going and then integrate students. But I also like the diversity of ideas that students come up with,” he says.

Helm frequently engages with students in collaborative research projects. Several years ago, while Helm was working on curriculum changes for the psychology program, he asked professors from competitive research universities what it would take for an Andrews University student to be accepted into their school. “One answer I got over and over was ‘Research, research, research,’” remembers Helm. Another common answer was that professors looked favorably on students who had experience in their field.

Helm worked with Duane McBride, research professor of sociology, over the course of a decade to develop a more research-intensive curriculum. At the suggestion of Derrick Proctor, emeritus professor of psychology, Helm and Proctor began taking students down to the Midwestern Psychological Association held annually in Chicago. The department later developed a research class that climaxed in the conference and encouraged students to present their research.



Herb Helm



“Students often feel that they aren’t understanding the material when they take the class, but when they go to the convention, they are able to analyze the research that is being presented. By presenting their own research and analyzing other presentations, they became more confident about what they were doing and that confidence spreads to the other students,” says Helm.

In the research classes, Andrews’ psychology students are required to create a research project and then execute all the various research activities. Several alums have related that they seemed better prepared than students who attended large research universities, where students only participate in a small part of a project. Because of the smaller student-teacher ratio at Andrews, students are also more likely to be able to publish an article in a refereed journal. Helm recently co-authored an article with students Adam LaFave and Omar Gomez that was published in the *Journal of Research on Christian Education*.<sup>3</sup>

During his free time, Helm paints. “I’ve always liked the transparency and luminosity of watercolor,” Helm says, “so I just started taking a class here or there.” Eventually, Helm started taking classes with some of the top watercolorists in the United States, such as John Salminen.

At first, Helm liked the workshops he attended to be like his research projects: diverse. Rather than focusing on artists with the same style, he attended workshops from

artists with completely different styles. “The downside was that there wasn’t the consistent element of learning from one person,” he admits. “But the upside was that I took workshops from artists who said that I couldn’t do something with the paint or composition, and then I would take a workshop from someone else who said I could.”

Helm now focuses on a few key artists when taking workshops. His style is defined by an intensity of colors, rather than a specific technique. He has submitted his work to local and national art competitions and his artwork has been accepted into a number of Michigan traveling shows. Helm has also won a number of awards and sold several paintings.

Helm appreciates watercolor in part because of its diversity. “In watercolor, things don’t always go the way you want them to, whereas if I’m working with oil and acrylic, I can just paint over what I don’t like. In watercolor, I often create a picture and have to keep recreating it as I go.” This unpredictability is not limited to Helm’s watercolor paintings. In both his psychology and his art, unexpected variables affect the outcome. Helm is not perturbed; diversity is his style.

- 1 <http://johnsalminen.com/product/grant-lanterns/>
- 2 H.W. Helm Jr. and K.G.D. Bailey. “An eye for design.” *Watercolor Artist*, xx, 46–55, Oct 2015
- 3 Adam D. LaFave, Herbert W. Helm Jr., and Omar Gomez, *Journal of Research on Christian Education*, 23(3), 283–293, 2014

# Pursuing Truth with Documentary Film

**The film opens to a black screen with the sound of children laughing. The words “Kill the Indian, Save the Man,” a quote by Captain Richard Pratt (1892), referring to the education of Native Americans, appear on the screen.**

The words fade as a voice prompts, “Just tell it like it is,” and vice-principal Jovannah Poor Bear-Adams begins telling the story of the Holbrook Indian School. The black screen gives way to a time lapse of the Arizona expanse as she speaks. “Our school is not about killing the Indian,” she says emphatically. “It is not about killing what is native in the kids. It is about healing them.”

Behind the camera, as the director of photography and location producer, is Paul Kim, associate professor of documentary film. In 2014, Kim worked with Terry Benedict, a well-known filmmaker, to make the film about Holbrook, a Seventh-day Adventist 1st through 12th grade boarding school located

in Holbrook, Arizona. The film is more than a promotional piece, says Kim, it is a partnership with the school and the film’s principal subjects, Jovannah Poor Bear-Adams and two Holbrook students.

Paul Kim’s own story is one of truth searching and a love for the visual image. Before he began his career as a filmmaker, Kim was a physical therapist and later worked in pastoral ministry. During his time working as a pastor, he was “overwhelmed with how much pop culture” was part of the “everyday vocabulary and influence” of the young people with whom he spent his time.

Kim believed that understanding the nature of film, as a practitioner, would help him comprehend its influence as a visual medium and returned to the classroom to complete a BA and MFA in documentary film. “As a film student, you are required to study it as a discipline and to read all the body of literature behind it. You study it intellectually and critically, but also explore

all the decision making processes of creating narrative in digital media,” he says.

Kim completed his studies with a new perspective on film. “I think of my work as cultural work. That’s a privileged place to be.” Kim describes his work, both in his previous career as a pastor and his current work in documentary film, as “a pursuit of truth.” “There are higher concepts in film and film history that portray film as truth or film as a way to discovering truth,” he says.

The pursuit of truth, desire to help bring about change, and interest in political and social issues attracted Kim to non-fiction and documentary film. “Documentary film has always been about social engagement and, in some ways, social activism,” he notes. “Documentary filmmakers make films not only because we love creating films and telling stories, but also because we believe that sharing stories about marginalized communities is really important to having a functioning democracy and healthy society.”

“I think part of the reason we struggle so much with ethnic violence is because we don’t understand the ‘other.’ When you really understand someone, you approach and engage them in a different way. That’s what character-based storytelling is all about.”

**BELOW:** Paul Kim (seated middle) directs documentary film students during a shoot





As a filmmaker, Kim constantly asks the question: “Whose story are we telling and how do we tell it legitimately?”

In his work as a professor and filmmaker, Kim aims to help his students understand that film is more than just a form of creative exploration. “I want people to understand that film can dovetail with different disciplines, and that the social implications of filmmaking can fit closely with the mission of this university,” he says.

“I would like for people to think about film as much more than just an escape mechanism. The fact that you can profit so heavily from film has made it a commodity, but in an institution of higher education, we should think of film as part of our culture, something we explore as we do the literary classics.”

However, Kim clarifies, thinking about film as a cultural work does not mean we should be uncritical viewers. “The notion that documentary film is or should be purely objective needs to be continually disabused,” he says. “We cannot choose when to turn the camera on or off without having a subjective element. Audiences should not watch a film believing that it is under the guise of some objective material. It has a point of view, and that is a point of view shared between the subject and, more tangibly, the filmmaker.”

Being part of a media literate society requires the viewer to responsibly engage with film, especially documentary films, which claim to portray actual people and events. As a filmmaker, Kim constantly asks the question: “Whose story are we telling

and how do we tell it legitimately?”

Sometimes the “stories” Kim films fall under categories other than documentary

film. In 2015, Kim served as lead producer of all television and media operations at the General Conference Session of Seventh-day Adventists in San Antonio, Texas. Kim also assisted Scott Grady, executive producer of the Audiovisual and Broadcasting Committee.

A highly complex event, Kim was responsible for capturing important moments for the world church as they unfolded. His primary concern while filming the General Conference was transparency. “The moment I am proudest of was getting the actual tallying of the [ordination] vote broadcasted and recorded,” he says, so that people could view the voting process from beginning to end.

Since the General Conference, Kim has worked on several film projects, including a tribute to Niels-Erik Andreassen, titled “A Life of the Mind.” In it, he masterfully captures Andreassen as an educator near the end of his career reflecting on his early dreams to become a teacher and the realization of those dreams. The film, which was a “very personal one,” became “a project of passion” for Kim and is now in the film festival circuit.

“Many of the best projects begin as projects of passion in places where you have local access,” Kim says. Those are the kinds of films Kim enjoys working on, projects that originate organically from established relationships in the community. “As a filmmaker, you have to figure out what kind of filmmaker you are and what kinds of projects fit.”

For Kim, “the right fit” might be something like a longitudinal film on a local story, perhaps about the Southwest Michigan agricultural community or migrant workers. He hopes that by showing the “complexities of someone’s life and situation” over a long period of time he, as a filmmaker, can convey the truth of who they are and the meaning of their experience. As he recently told a student, no filmmaker in the world can have more perspective and intimacy with a subject than the one who is already right there, living alongside them.

## Reimagining Race in Renaissance Literature

In the 2014 podcast, “Serial,” journalist Sarah Koenig investigated the supposed involvement of Adnan Syed in the 1999 murder of his ex-girlfriend, Hae Min Lee. In the introduction of the show, Koenig remarked, “On paper, the case was like a Shakespearean mash-up. Young lovers from different worlds, thwarting their families, secret assignations, jealousy, suspicion and honor besmirched. The villain not a Moor exactly, but a Muslim all the same. And a final act of murderous revenge.”<sup>1</sup>

For most listeners, that statement is just another reason to keep listening to the story, but for Vanessa Corredera, assistant professor of English, it is an example of how pop culture reimagines Shakespeare as a way to discuss issues of race, gender and class. Koenig’s introduction references both “Romeo and Juliet” and “Othello” although, Corredera notes, she does it without naming the plays or characters.

“I’m really interested in popular culture,” says Corredera, enthusiastically. “And it’s wonderful when you can mix your hobbies, research and teaching.” When she first listened to “Serial,” she saw a way to maximize her time and interests.

Corredera developed that single reference to Shakespeare “into a reading of race, ‘Serial’ and Shakespeare and what that means for the field of Shakespearean studies,” and presented it at a seminar on Early Modern Race/Ethnic/Diaspora Studies at the Shakespeare Association of America in 2015. The same paper was chosen to be part of a special edition of *Shakespeare Quarterly*, one of the preeminent journals in the field, on Shakespeare and race (forthcoming).

“Shakespeare and race studies emerged in the 1980s and 1990s as a part of a larger movement in literary studies towards thinking about women’s and postcolonial issues and critical race theory,” explains Corredera. “A lot of the early work on Renaissance literature and race was conducted on how race was constructed in the period by looking at primary sources to determine how Jews, Moors



Paul Kim

or other figures of alterity are portrayed. Researchers also looked at how those issues intersect with things like class, gender and beauty..”

Three main streams of thought have developed regarding discussions of race and the early modern period. The first group, Corredera says, believes scholars can legitimately talk about race during that period. “Obviously there is interest in skin color, what we would call ethnicity, regional difference and religious difference (such as in Shakespeare’s ‘The Merchant of Venice’). The language used and attitudes taken are about something equivalent to race, differences that are categorical and cannot be changed.”

“But,” she continues, “other scholars say we cannot discuss race because it is something we now describe as being biological; there was no concept of biology at that time. They also say that ‘race’ during the early modern period referred to familial relations.” A third category of scholars warns against imposing “modern conceptions of racial difference, such as the emphasis on skin color, which is not only modern, but, to a certain degree, very American.”

Still, discussions of race and the early modern period continue. Among those scholars who have decided to move on from the debate, some focus on how “Renaissance literature illustrates or addresses the racial or ethnic issues of the time.” Others, such as Corredera, “look at the way that Shakespeare speaks to current racial issues.” Corredera, and scholars like her, examine “modern appropriations of Shakespeare, such as YouTube videos, film adaptations, modern theater performances, novel adaptations, art installations, etc.”

Inspired by the work of scholars Ayanna Thompson, Kim Hall and Peter Erickson and the conversations at the seminar on Shakespeare and race, Corredera has begun working on a book on modern representations of “Othello” from 1994–2014. “I chose 1994 as the inner parameter for my study because of the O.J. Simpson trial; it was not just about race relations, it was also about black masculinity. He was a charming, African-American football player in an interracial relationship; I would not be the first to make the connection between his case and ‘Othello,’” she says. In fact, the similarities were referenced in newspapers and newscasts during the trial.

LEFT: Vanessa Corredera in front of *The Globe* at the 2016 World Shakespeare Congress in Stratford-Upon-Avon and London

Corredera is using 2014, the date “Serial” was broadcast, as the outer parameter for her study. She plans to work chronologically through several versions of “Othello” as represented across different media, such as a young adult novel, a podcast, a film and a modern play adaptation.

“I want to analyze why ‘Othello’ appears in the various mediums, what ideas or issues about race and racial theory the texts are engaging,” Corredera says, “and why the authors/creators choose to work with Shakespeare.” She notes that “Shakespeare” is a loaded term that refers not only to all Shakespearean texts, but also to William Shakespeare the person, as well as “all our cultural ideas about Shakespeare as the great humanist, the universal Shakespeare and the genius Shakespeare.”

In light of this, Corredera asks, “What do these re-imaginings of ‘Othello’ tell us about how we imagine Shakespeare and how we imagine Shakespeare in relation to race? Does Shakespeare allow us to see different things about race that we otherwise wouldn’t? Is Shakespeare antagonistic to productive discussions about race and racial relations?” Corredera aims to answer these questions in

*“Does Shakespeare allow us to see different things about race that we otherwise wouldn’t?”*

her book, which she sees as being “particularly timely for the current American context.”

Corredera’s current research project is a slight departure from her doctoral work on “The Early Modern Face: Physiognomy On and Off the English Stage,” which she completed at Northwestern University (2012). However, the two projects are connected by the concept of otherness, whether it is described in facial features or race. “For my dissertation I looked at archives, primary material and physiognomic texts to examine what they said about the com-



plexion and the face and what that tells the reader about how they can interpret someone else’s nature and character,” she explains.

The physiognomy research, Corredera clarifies, “is not a race project, it’s much broader. Race is part of the transactional social relationship context for physiognomy.” The concept of complexion and its representation, however, was a topic she explored in her dissertation, particularly with regard to Thomas Dekker’s drama “Lust’s Dominion.” The overlap between the two projects lies in questions about conceptions of the other. Both projects, Corredera says, analyze “social relationships and how they appear in literature” as well as the “intersection between race and gender in literature.”

Corredera has recently published revised chapters of her dissertation as a chapter in James A. Knapp’s 2015 “Shakespeare and the Power of the Face” titled, “Complex Complexions: The Facial Signification of the Black Other in ‘Lust’s Dominion’” (Ashgate), and as an article, “Faces and Figures of Fortune: Astrological Physiognomy in ‘Tamburlaine Part 1,’” in the Winter 2015 issue of “Early Modern Literary Studies.”

“The broad research interests” of how race, gender and social relationships are represented in literature “span across all my projects,” Corredera muses, “but they are manifested differently depending on the method, texts and theoretical frame. I think I’m still asking similar questions, just through different methods, with different texts and different foci.”

1 Sarah Koenig, “The Alibi,” Serial, podcast audio, October 3, 2014, <https://serialpodcast.org/season-one/1/the-alibi>



## Undergraduate Research Mentor Award

The Undergraduate Research Mentor Award, established by the College of Arts & Sciences (CAS) in 2015, recognizes faculty members who have dedicated time and effort to mentoring undergraduate students in research both in and outside of the classroom. Students mentored by these faculty members have given presentations at regional or national conventions and/or had their research published in peer-reviewed venues. The award is part of a University-wide initiative to recognize and encourage excellence in undergraduate research.

Recipients chosen from each of the three CAS divisions are recognized during the April Student Awards Recognition Assembly. The first awards, given in 2015, went to Lilianne Doukhan, associate professor of music and French (Humanities Division); Karl Bailey, associate professor of psychology (Social Sciences Division); and James Hayward, research professor of biology (STEM Division).

The second annual Undergraduate Research Mentor awards were given out on April 19, 2016 to **L. Monique Pittman**, professor of English and director of the J.N. Andrews Honors Program (Humanities Division); **Harvey Burnett**, associate professor of psychology and chair of the Department of Behavioral Sciences (Social Sciences Division); and **Ryan Hayes**, associate professor of chemistry (STEM Division).

L. Monique Pittman has made a lasting impact on many Honors and English students. Alaryss Bosco says, “Dr. L. Monique Pittman has been an exceptional research mentor. Since my project’s infancy she has guided and encouraged me every step of the way. Her supreme organizational skills have been an inspiration and have kept me on track through the project. It has been a privilege to work with a leading expert in the field of Shakespeare studies.”

Charles Abreu, one of several students under Burnett’s mentorship, said this about his professor: “Dr. Burnett first mentored me in Research Methods IV, where he taught survey research methods, and oversaw my first official research project in my 2nd year. His wisdom and guidance enabled me to present the findings from that first project at a major conference. His teaching sparked my personal interest in research and has enabled me to go on to present three more projects at various conferences in Chicago this May.”

Ryan Hayes, whose research is featured in this brochure, has mentored many undergraduate students over the years. Zachary Reichert, a 2016 graduate, has worked with Hayes for the majority of his experience as an undergraduate. “As I have worked for Dr. Hayes, I have been particularly inspired by his enthusiasm as a teacher and researcher. However, his mentorship has provided me with more than inspiration. Throughout my time in Dr. Hayes’ lab, he has presented me with a number of opportunities to share my research with audiences both on and off campus. This has provided me with the confidence to discuss my work and ideas with others and has also given me an opportunity to deeply think about and synthesize the work that I have done. He has also provided me with a good amount of independence, allowing me to critically think about problems on my own while additionally offering important help and mentorship when needed.”

## SIEGFRIED H. HORN EXCELLENCE IN RESEARCH AND CREATIVE SCHOLARSHIP AWARD RECIPIENTS 2016

The Siegfried H. Horn Excellence in Research & Creative Scholarship Award was established in 2011 in honor of biblical archaeologist Siegfried H. Horn. Horn served as the dean of the Seventh-day Adventist Theological Seminary, founded what is now the Siegfried H. Horn Archaeological Museum, directed the first Heshbon expeditions at Tall Hisban, Jordan, and established the journal “Andrews University Seminary Studies.” The award recognizes lifetime achievement in research and creative scholarship among faculty members at Andrews University. One recipient is selected annually from each of four disciplinary areas based on their scholarly productivity over the previous five years, and the awards are presented at the annual faculty & staff awards ceremony in March.

The 2016 recipients of the Siegfried H. Horn Excellence in Research & Creative Scholarship award were Stephen Zork, associate professor of music, for Arts, Humanities and Education; Karl Bailey, professor of psychology, for Pure and Applied Sciences; Ann Gibson, professor emerita of accounting, for Professional Programs; and Richard Choi, professor of New Testament, for Religion and Theology.

**Stephen Zork**, conductor of the University Singers and University Chorale and director of choral studies, conducts concerts, gives lectures and performs all around the world. Under his leadership, the University Singers have recorded seven albums. **Karl Bailey** is a leader in mentoring student research and in religiosity research. His project on the internalization of Sabbath-keeping and wellbeing was featured in the 2015 edition of “Research and Creative Scholarship.” **Ann Gibson**, formerly professor of accounting and the Hasso Endowed Chair of Business Ethics, is a sought-after accounting lecturer among treasurers in the Adventist church. **Richard Choi**, chair of the Department of New Testament, has presented scholarly papers at major conventions and serves as the president of the Midwest Society of Biblical Literature, chair of the Regional Coordinators Committee for the Society of Biblical Literature, and executive secretary and coordinator of the Chicago Society of Biblical Literature.

LEFT TO RIGHT: Ann Gibson, Karl Bailey, Richard Choi, Stephen Zork





## Exploring the Composition of the Pentateuch Conference

From April 3–5, 2016, the Siegfried H. Horn Lectureship Series hosted a conference organized by the student-led Torah Group. The Torah Group—which includes Old Testament PhD students Felipe Massotti, Kenneth Bergland, Scottie Baker and Rahel Shafer, assistant professor of religion & biblical languages—initially formed to provide a forum for discussing the Hebrew Bible.

With guidance from Old Testament professors Roy and Constance Gane, Richard Davidson and Jiří Moskala, and assistance from the Office of Research & Creative Scholarship the group began planning a conference on the composition of the Pentateuch. The conference featured respected scholars Richard E. Averbeck (Trinity Evangelical Divinity School), John Bergsma (Franciscan University of Steubenville), Joshua Berman (Bar-Ilan University), Daniel I. Block (Wheaton College), Richard M. Davidson (Andrews University), Roy E. Gane (Andrews University), Duane A. Garrett (The Southern Baptist Theological Seminary), Richard S. Hess (Denver Seminary), James K. Hoffmeier (Trinity Evangelical Divinity School), Benjamin Kilchör (Staatsunabhängige Theologische Hochschule Basel), Gerald A. Klingbeil (Andrews University, Adventist Review), Michael LeFebvre (Christ Church Reformed Presbyterian) and Jiří Moskala (Andrews University), as well as other Andrews University faculty and PhD students.

Attendees came from across the United States to participate in the conference, which is the first of its kind to be held at Andrews University. The presenters addressed current issues in Pentateuchal studies, particularly arguments for Mosaic authorship as opposed to the commonly held Documentary Hypothesis.

Amanda McGuire-Moushon, a PhD candidate in Old Testament at Andrews University, remarked, “This event was an extremely valuable experience. The issues were addressed within a faith-based, scholarly framework that is not often seen in a conference like this with such well-known scholars.”

The Torah Group plans to organize a second conference in 2018. The results of this year’s conference will be published as an edited volume.

## Third Annual Andrews Research Conference

**Early career creative scholars and researchers in the arts and humanities gathered at Andrews University for the 3rd annual Andrews Research Conference, May 4–8, 2016. Presenters and attendees traveled from across the United States, Nigeria and Romania to participate in the conference.**

The conference was sponsored by the North American Division Office of Strategic Planning and Assessment; the General Conference Office of Archives, Statistics, and Research; the Andrews University Office of Research & Creative Scholarship; and the Andrews University Departments of English, History & Political Science, International Languages & Global Studies, Music, and Visual Art, Communication & Design.

Plenary presentations were given by L. Monique Pittman, professor of English and director of the J. N. Andrews Honors Program, on the topic of “Color-Conscious Casting and Multicultural Britain in the BBC Henry V (2012): Historicizing Adaptation in an Age of Digital Placelessness” and David Trim, director of the General Conference Office of Archives, Statistics, and Research, on “America’s favourite sect? The afterlife of the Huguenots: in the visual arts, literature, drama, music, and the movies.”

On Thursday and Friday, participants gave oral presentations and lecture recitals, exhibited art, and showed an original film. Leisure activities began with a vespers on Friday evening, featuring local artist Nathan Greene. On Saturday afternoon, a group of attendees traveled to Battle Creek and enjoyed a tour of the Historic Adventist Village and Oak Hill Cemetery before returning for vespers, featuring then-provost, now president, Andrea Luxton.

Francisco Burgos, associate professor of English & foreign languages at Oakwood University, expressed his appreciation for the conference. “The format of the conference was excellent. I could see total respect

for each and every one of the speakers and the studies presented; the organization was impressive; and I was able to learn many valuable lessons from all my colleagues,” he said.

Michael Weismeyer, a PhD candidate in the Department of History at the University of California, Los Angeles, remarked that, “The Andrews Research Conference was a great experience. Coming from a non-Adventist university, it was rewarding to be able to interact with other Adventist scholars from a variety of disciplines.”

“The 2016 Andrews Researchers [sic] Conference for me was a delightful experience filled with experiential and empirical details. This is what research is supposed to be about; the easy atmosphere and warmth that attended every presentation makes me want to attend the next conference,” said Johnson Babefemi Akintayo, a lecturer in the Department of Mass Communication at Babcock University in Nigeria.

The fourth annual Andrews Research Conference will be held from May 17–21, 2017. The conference will return to the first theme of its three-year cycle: early career researchers in STEM. Adventist undergraduate students (advanced), graduate students, post-docs and early career faculty in STEM are invited to present. More information can be found at [andrews.edu/research/arc](http://andrews.edu/research/arc).

*Debbie Michel,  
“Lake Union Herald”  
managing editor,  
presents at the  
conference.*



# Projects supported by the Office of Research & Creative Scholarship, 2015–2016

## Faculty Research Grants: 2015–2016

**Erich Baumgartner** (Leadership), *The Changing Role of Church Planters in the Life Cycle of a New Church Plant*

**Skip Bell** (Church Ministry), *Christ in the City: Incarnational Ministries that Transform Lives and Grow the Church*

**Petr Cincala** (World Mission), *John Matthews* (Discipleship & Religious Education), **Kathleen Beagles** (Discipleship & Religious Education), **Peter Swanson** (Christian Ministry) and **René Drumm** (Behavioral Sciences), *Identifying Components of Effective Pastor Training: A 10-year Review of Student Input*

**Ivan Davis** (English), *Fred Newton Scott and Journalism Training at the University of Michigan*

**Kari Friestad** (Visual Art, Communication & Design), *Exhibition and Studio Work Plan (2015–2016)*

**Daniel Gonzalez-Socoloske** (Biology), *Characterization of manatee habitat and its use with side-scan sonar in Isla de La Juventud, Cuba*

**Thomas Goodwin** (Biology), *Distribution and paleobiology of hibernation in fossil ground-dwelling squirrels from the Meade Basin, SW Kansas, USA*

**James Hayward** (Biology) and **Shandelle Henson** (Mathematics), *Comparison of Surface Patterns on Cannibalized and Noncannibalized Gull Eggs*

**Lori Imasiku** (Teaching, Learning & Curriculum), *Voices from the multigrade classroom: Zambian community schools*

**Jimmy Kijai** (Graduate Psychology & Counseling) and **LeRoy Ruhupatty** (Accounting, Economics & Finance), *Student engagement and its relationship to development of values, religious commitment and community services at selected Adventist colleges/universities in the Southern Asia Pacific region*

**Hyun Kwon** and **Rodney Summerscales** (Engineering & Computer Science), *Paper biosensors and mobile apps for affordable detection of cancer biomarkers*

**Kanya Long** (Biology), *Complementary local and international research opportunities for undergraduates in the Arbovirus Ecology Laboratory*

**Peter Lyons** (Biology), *Structure and function of carboxypeptidase O*

**Robson Marinho** (Leadership), *Practical Application of Kolb's Experiential Learning Cycle to Professional Development as Perceived by the Participants of Leadership Development Programs in Cross-Cultural Settings*

**Desmond Murray** (Chemistry & Biochemistry) and **Kanya Long** (Biology), *Hybrid Heterocyclic Boronic Acids as Potential Inhibitors against Alphaviruses*

**Benjamin Navia** and **John Stout** (Biology), *The effect of model calls with varying sound intensities and multiple frequencies in the phonotactic selectivity and its neural correlates in female crickets*

**Boon-Chai Ng** (Engineering & Computer Science), *Creating and Testing Anodized Aluminum for potential application as an interposer in the test socket industry*

**Joel Raveloharimisy** and **Arian Timoti** (Behavioral Sciences), *Understanding Poverty in Madagascar*

**Rhonda Root**, **Robin Johnson** and **Ariel Solis** (Architecture), *Cavan Burren Research Project, Republic of Ireland*

**Felipe Tan** and **Jim Ford** (James White Library), *Subject Analysis of the Books in Ellen G. White's Private and Office Libraries*

**Shannon Trecartin** (Social Work), *Examining the Factor Structure of the Latent Construct "Physical Home Environment" using the National Health and Aging Trends Study*

**Randy Younker** (Institute of Archaeology), *A book on the Archaeology and History of Salemi, Sicily*

**Robert Zdor** (Biology), *Cloning & Sequencing of Weed Deleterious Rhizobacterial Genomic Sequences Associated with Production of the Plant Hormone Auxin*

## Faculty Research Grant Renewals: 2015–2016

**Lisa Ahlberg** (Chemistry & Biochemistry), *Investigation of 1,3-Dipolar Cycloaddition Mechanisms: Synthesis of Thiolactamycin and Derivatives*

**Stanley Beikmann** (Agriculture), *Using What JFS Archaeology has Learned—for Education and Conservation of Plants, Water and Soil*

**Larry Burton** (Teaching, Learning & Curriculum), *Denominational Persistence and Denominational Exit Among Adventist University Alumni*

**Greg Constantine** (Visual Art, Communication & Design), *Creation and Exhibition of "Poetic Licenses"*

**Kenley Hall** and **Joseph Kidder** (Christian Ministry), *Pilot Case Studies of NAD Churches who are Attracting and Keeping Young Adults (18–30)*

**Ryan Hayes** (Chemistry & Biochemistry), *Structure Identification and Toxicity Assessment of an Arginine-based Heterocyclic Amine*

**Kenneth Logan** (Music), *Documentation of William Huber Jr. Collection at The Library of Congress and Its Namesake; Musical Composition Fostering and Efficiency Project*

**David Mbungu** (Biology), *Modulation of Phonotaxis by Monoamines*

**Getahun Merga** (Chemistry & Biochemistry), *Synthesis and Characterization of Conjugated Gold and Silver Nanoparticles with Sulfur Containing Amino Acids*

**Nicholas Miller** (Church History), *The Religious Roots of the Civil War: Slavery, Judgment, and the Moral Government of God*

**Marlene Murray** (Biology), *The Effects of Omega-3-Fatty Acids on Intracellular myo-Inositol*

**David Nowack** (Chemistry & Biochemistry), *Preliminary investigation into the relationship between dendrimer structure and enzyme activity*

**David Randall** (Chemistry & Biochemistry), *Development and use of NO chemical sensor*

**Denise Smith** (Biology), *The Role of the Oncogene HER2/neu in breast cancer and potential therapeutic screening*

**Chi Yong Yun** (Music), *Johann Samuel Schroeter Piano Concertos*

## 2015–2016 Undergraduate Research Scholars

**Charles Abreu** (Karl Bailey, Behavioral Sciences), *Cluster analysis of eye movement patterns and degrees of belief*

**Will Allen** (Boon-Chai Ng, Engineering & Computer Science), *Creating and Testing Anodized Aluminum for potential application as an interposer in the test socket industry*

**Christiana Atkins** (Harvey Burnett, Behavioral Sciences), *Moral Reasoning and Judgments about Ending Life Revisited: The Influences of Education, Spirituality and Resilience*

**Kaydra Bailey** (Desmond Murray, Chemistry & Biochemistry), *Liquid Crystalline Rhodanines as Biological Stains*

**Christian Bardan** (Peter Lyons, Biology), *Analysis of mammalian carboxypeptidase O expression patterns*

**Alaryss Bosco** (Monique Pittman, English), *A Machiavellian Framing of Power Dynamics in Shakespeare's Henry V as adapted by Olivier, Branagh, and the BBC's Hollow Crown*

**Noah Chun** (Getahun Merga, Chemistry & Biochemistry), *Characterization of naked noble metal nanoparticles before and after binding them to specific organic molecules and biomolecules*

**Saharsh Dass** (Shandelle Henson, Mathematics), *Mathematical Models of Animal Behavior*

**Jonathan Doram** (Anneris Coria-Navia, Teaching, Learning & Curriculum), *Surviving or Thriving: A Mixed Methods Case Study Investigating the Impact of Racial and Ethnic Diversity on Student Levels of Thriving in a Choral Classroom*

**Hazel Ezeribe** (Peter Lyons, Biology), *An analysis of carboxypeptidase folding mechanisms*

**Josias Flores** (Romulus Chelbegean, Religion & Biblical Languages), *Being a Pastor's Husband*

**Amante Gonzalez** (Romulus Chelbegean, Religion & Biblical Languages), *Being a Pastor's Husband*

**Noel Harris** (Joel Raveloharimisy, Behavioral Sciences), *Using Theories of Change for the Education of Social Responsibility: A Theoretical Framework*

**Cooper Hodges** (Duane McBride, Behavioral Sciences), *Religiosity & Perceived Stress Among College Students*

**Bomi Kim** (Darah Regal, Speech-Language Pathology & Audiology), *Auditory Memory and Figure-Ground Ability Among University ESL Students: A Comparative Study*

**Shanelle Kim** (Monique Pittman, English), *Religion, Morality, and Gender in Ben Johnson's Volpone*

**Jeong Bin Lee** (Benjamin Navia, Biology), *L3 auditory interneuron responses to dual-frequency calling songs in female crickets (Acheta domestica)*

**Julie Logan** (Yun Myung Oh, Mathematics), *A characterization of sphere curves: Summary and new*

**Bernardo Martinez** (Rodney Summerscales, Engineering & Computer Science), *Providing immersive virtual reality walkthroughs of large, architect-designed buildings*

**Hannah Mbungu** (Sherine Brown-Fraser, Public Health, Nutrition & Wellness), *The Effects of Preservation Techniques on Nutrient Quality in Selected Foods Using a Refractometer*

**Karla Mulzac** (Benjamin Navia, Biology), *The effect of dual frequency calls in the phonotactic response of female cricket Acheta domestica*

**Rufaro Musvosvi** (Hyun Kwon, Engineering & Computer Science), *Matlab Gui application for Optical trapping*

**Fonda Mwangi** (Rachel Williams-Smith, Visual Art, Communication & Design), *From Good to Great-An Action Research study to Improve the New Faculty Onboarding Experience*

**Candace Neufville** (Darah Regal, Speech-Language Pathology & Audiology), *Auditory Memory and Figure-Ground Ability Among University ESL Students: A Comparative Study*

**Michael Plantak** (Ryan Hayes, Chemistry & Biochemistry), *Ames Test Optimization for Evaluating Mutagenicity of Arginine-Based Heterocyclic Amines*

**Zachary Reichert** (John Stout, Biology), *The effect of model calls with varying sound intensities and multiple frequencies in the phonotactic selectivity and its neural correlates in female crickets*

**Zachary Reichert** (Ryan Hayes, Chemistry & Biochemistry), *Structure Identification of Mutagenic Arginine-Based Heterocyclic Amines*

**Timothy Robertson** (Joon Kang, Mathematics), *Sufficient conditions for the uniqueness of positive solutions to an elliptic model*

**Elmany Saint-Fleur** (Garth Woodruff, Agriculture), *Sustainable Agriculture*

**Randy Sanchez** (Thomas Goodwin, Biology), *Distribution and paleobiology of hibernation in fossil ground-dwelling squirrels from the Great Plains*

**Heaven Shin** (Hyun Kwon, Engineering & Computer Science), *Paper biosensor design and test*

**Connor Smith** (Garth Woodruff, Agriculture), *Identifying and Preserving Endangered Plants in Tall Hishbon, Jordan*

**Rashida Smith** (James Hayward, Biology), *Measuring the effects of sea surface temperature on seabird cannibalism in the Salish Sea*

**Christa Spieth** (Boon-Chai Ng, Engineering & Computer Science), *Testing anodized aluminum for potential application as an interposer in the test socket industry*

**Gabriel Stanier** (Ryan Hayes, Chemistry & Biochemistry), *Isolation and detection of Arginine-based HCA in Complex Plant Proteins*

**Krystal Uzuegbu** (Lionel Matthews, Behavioral Sciences), *Psycho-social, Religious, and Socio-demographic Predictors of Racial Attitude in a Selected Group of Americans*

**Zachary Verhelle** (Hyun Kwon, Engineering & Computer Science), *Electrochemical paper biosensor development*

**Chrystal Wedderburn** (Øystein LaBianca, Behavioral Sciences), *Survey of Habitation Caves in Jordan*

**Hyelin You** (David Nowack, Chemistry & Biochemistry), *Stabilization of Aqueous Ascorbic Acid Solutions using PAMAM Dendrimers*

**Dillon Zimmerman** (Getahun Merga, Chemistry & Biochemistry), *Arylidene Barbiturates as Potential Bifunction Nanoparticle Linkers*

## Support Research and Creative Scholarship at Andrews University

Internal grants and Undergraduate Scholar Awards are supported by the Office of Research & Creative Scholarship. To meet the needs of the growing research initiatives around campus, we have instituted a Fund for Research which will be used to support faculty and student research activities above and beyond what is normally funded through the internal grant process, to cover travel expenses to national and international conferences, and to support the hosting of research conferences where our faculty and students can interact with other researchers from around the world.

You may support research at Andrews by choosing to designate a gift to the Office of Research & Creative Scholarship. Please visit [www.andrews.edu/go/give/SCHOLAR](http://www.andrews.edu/go/give/SCHOLAR) or fill out the form to the right to support research at Andrews.

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*These Honors students were part of the group of 50 presenters at the Honors Scholars and Undergraduate Research Poster Symposium, held February 26, 2016, in Buller Hall. The research posters covered a diverse range of topics, including "Race Representatives: Why Black Members of Congress Matter," "Procrastination, Motivation & Flow" and "The Effect of Degrading the Transcription Factor NF- $\kappa$ B Subunit Proteins on NF- $\kappa$ B's Oncological Activity."*

 Office of Research &  
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Andrews University

4150 Administration Drive  
Berrien Springs MI 49104-0355

**Phone:** 269-471-3042

**Email:** [research@andrews.edu](mailto:research@andrews.edu)

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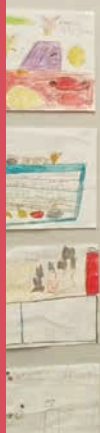
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# More H.E.L.P.

by Becky St. Clair

What began as a small group of MDiv students deciding they wanted to make a difference in the nearby community of Benton Harbor has grown into an initiative that hopes to reach all the Grades 1–3 children in the Benton Harbor School System this year. More than 110 students, faculty and staff have signed up to be part of H.E.L.P. (Human Empowerment Life Project), which aims to improve literacy for an anticipated 624 students during the 2016–2017 school year.



During a seminary class on church planting in spring 2015, students were exposed to software they could use as ministers to understand the demographics of the communities surrounding their churches. As a result of this software demonstration, Master of Divinity student Carlisle Sutton was struck by the needs of a neighboring community.

“When the professor [Tom Evans] entered ZIP code 49022 into the program it generated a profile on Benton Harbor,” Sutton recalls. “When I read it I was moved that this is a community with multiple challenges.”

Benton Harbor is a township 15 miles from the campus of Andrews University. The profile revealed that this community has concerns greater than the national average that relate to the availability of food, unemployment, lack of affordable housing, domestic violence, drug and alcohol abuse and the need for spiritual guidance.

Poverty is a major issue in Benton Harbor. Due to the high levels of poverty, as many as 94.1 percent of the children are eligible for the government-funded Free and Reduced Lunch program. Benton Harbor is number two among the top 101 U.S. cities with the number of people below the poverty level (does not include cities with 15% or more college residents and median age of 28). In addition to the high levels of poverty, Michigan education data reveals that the schools in Benton Harbor fall below the tenth percentile.

Sutton and some friends decided they needed to do something. So the Human Empowerment Life Project (H.E.L.P.) was born.

“H.E.L.P. was designed to share resources from Andrews University such as music, science, counseling, engineering programs and others,” Sutton explains. “We wanted to share those resources with the individuals in Benton Harbor. It is also well established that literacy is a critical requirement for academic success.”

At the same time, Sarah Kimakwa, marketing and reference librarian for the Andrews University James White Library, was working on building a children’s literacy program for the schools in Benton Harbor.

“One of the key goals of H.E.L.P. is to teach Andrews’ students the value of volunteerism... We want students to realize they don’t have to wait until they graduate to change the world. They can start here now.”

“I wanted a way for us to celebrate National Library Week with others in the community, not just by us talking to ourselves,” she says. “In 2014 we collected kids books and toys for a homeless shelter in Benton Harbor, and last year we decided to focus on literacy in the community.”

When Sutton approached Kimakwa about the literacy portion of H.E.L.P., they discovered they were working toward the same goal and decided to join forces. In the spring of 2015 the James White Library and H.E.L.P. took a trip to

Benton Harbor and read to students in grades 1–4 at one of the township’s schools.

It wasn’t just reading; at the end of the story they had a discussion with the kids about what they had just heard, then passed out art supplies and let the kids illustrate what they learned from the story and subsequent discussion.

“With every visit we brought them a different story—which emphasized a positive value,” explains Sutton. “We engaged the students by identifying key words in the stories to expand their vocabulary. Our goal was to add six to ten new words to their vocabulary each session. We talked about the stories to evaluate their ability to comprehend what they were hearing and articulate their understanding of the story. Then we offered them the opportunity to be creative.”

These illustrations were taken to the James White Library and displayed in the gallery as part of National Library Week 2015 for the Andrews community as well as the children and their parents to enjoy.

“We know that if we equip these children at an early age with reading skills it will be a great contribution to their lifelong learning,” says Kimakwa. “It will help them become responsible citizens. Our goal is to share Andrews resources with the community, and our dream is for them to look to us as partners.”

The program continued during the 2015–2016 school year, initially at the same



## Story Telling Artwork

Art by students from Arts and Communication Academy in Benton Harbor



school for the fall semester and then at a new school in spring 2016. In March the group took a special Black History program to the Benton Harbor school. University-based vocal ensemble Journey sang spirituals, Alicia Dent performed a piano solo and Patience rapped. The idea was to expose the children to various positive styles of music which they may not have been used to hearing.

University leadership has been very supportive of this initiative. President Andrea Luxton and Niels-Erik Andreasen, president emeritus, have both verbalized their support for H.E.L.P. Provost Christon Arthur has also been extremely supportive. While dean of the School of Graduate Studies & Research, he provided financial assistance to cover the purchase of art supplies, and coordinated meetings between Sutton and different departments on campus to talk about the

literacy program and how they could be involved. Larry Onsager, dean of libraries, provided sponsorship to cover the cost for those who needed the background check required to work with children in Michigan. He also addressed participating University students at the first event, encouraging them in their work in 2015.

Kimakwa related this process of her own experience growing up in a small village in Kenya, “One day when I was a young girl my father took me out of the village into the city. I was so shocked at how much more there was to the world than what I could see in my own community. These children need the opportunity to see that education can open doors to them that they may not otherwise get the chance to walk through.”

“One of the key goals of H.E.L.P. is to teach Andrews’ students the value of volunteerism,” says Sutton. “The University’s motto is ‘Seek Knowledge. Affirm Faith. Change the World.’ We want students to realize they don’t have to wait until they graduate to change the world. They can start here now.” Thirty-five University volunteers from various departments and backgrounds reached nearly 180 children in grades 1–4 each visit during the 2015–2016 school year.

What started as an initial spark is quickly growing into a concerted effort of a team of committed Andrews University students, faculty and staff to bring about change in Benton Harbor. H.E.L.P. is expanding the program to include all the grades 1–3 children in the Benton Harbor public school system. Over 110 individuals have already signed up to be part of this initiative to improve literacy for an anticipated 624 students.

Recent meetings between Andrews University administration and Benton Harbor Area Schools, facilitated by Desmond Murray, associate professor of chemistry, look favorable. Murray is working with Provost Christon Arthur in the newly established Community Engagement Council.

Sutton says his definition of Christianity is what drives his passion for this program, as well as his career as a minister. This definition comes from Ellen G. White’s “Ministry of Healing,” page 502:

“There is a picture representing a bullock standing between a plow and an altar, with the inscription, ‘Ready for either,’ ready to toil in the furrow or to be offered on the altar of sacrifice. This is the position of the true child of God—willing to go where duty calls, to deny self, to sacrifice for the Redeemer’s cause.”

“We are the flagship university of the Adventist church,” Sutton says. “Our motto means that we need to be willing to engage—we need to dare to engage. Dare to make a difference.”



To learn how you can participate: Email [carlisle@andrews.edu](mailto:carlisle@andrews.edu) or call 269-281-6733 or Leila Celestin at [leila@andrews.edu](mailto:leila@andrews.edu)



Larry Onsager (center), dean of libraries, encourages students as they prepare to head out on their first visit to Benton Harbor schools to read and get creative with the children

# 7/10/15 Hello, I got the Bible studies and the Bible! Thank you! It came at a good time! Well a bad time, but a **good time to have a Bible.** I love it! It's amazing. WS

By Samuel J. Fry & Becky St. Clair

For a span of over six years, Judy Mackie and the faithful congregation of the Buffalo, Wyoming Adventist Church have been sending thousands of letters and Andrews Study Bibles to inmates across the U.S.—all from their small church building at the foot of the Big Horn Mountains.

According to Ron Knott, director of the Andrews University Press, thousands of Andrews Study Bibles have been purchased by Mackie for her prison correspondence ministry, Binding Broken Hearts. The ministry is a Wyoming-based 501(c)3 non-profit organization that has spread to 24 states and is currently one of the fastest growing prison ministries in the United States.

The inspiration for Binding Broken Hearts originated while Mackie was visiting and studying with a female inmate at the Johnson County Jail in Buffalo, Wyoming. “This is the most beautiful thing I have ever seen,” gushed the woman Mackie was studying with, as she stroked the leather cover of Mackie’s H.M.S. Richards Bible.

“The comment shook me,” says Mackie. “It was the first time I’d realized that these ladies had never seen, much less owned, a beautiful Bible.”

While Mackie was not initially interested in



The Wyoming Seventh-day Adventist Church is located at the foot of the Big Horn Mountains in Buffalo, Wyoming

prison ministries, that meeting proved to be the catalyst in motivating her to action.

“Once I got acquainted with some of the inmates and realized how totally hopeless most of them feel, it changed my life,” says Mackie. “Now I am passionately interested in letting them know that they are not forgotten ... No matter what they have done, there is hope for them because Jesus will not only forgive them, but change their hearts.”

Since Mackie’s encounter with the woman

in 2009, the Binding Broken Hearts ministry has grown exponentially. When it started, Mackie was corresponding regularly with inmates in Johnson, Sheridan and Platte counties of Wyoming, along with men and women at the Wyoming State Penitentiaries in Rawlins and Lusk, respectively. By 2015, her ministry was exponentially bigger. Just during the months from January to September of this year, Mackie and her colleagues sent out more than 4,700

Andrews Study Bibles, 300 Knowing Jesus lesson books, and 23,000 personal letters to inmates in 185 facilities in 24 states.

Mackie had been one of the first people to order an Andrews Study Bible when it was first released in June 2010, and she saw its immediate value for her ministry. The rich study helps make it the most comprehensive Bible study resource in one volume ever published in the Adventist world. She began buying regular retail editions of the Bible to send out to inmates.

Inmates who request a Bible are placed on a mailing list, and receive a personalized letter with Bible studies every three weeks. Mackie claims that over half of the inmates who receive their letters share them with their cellmates, who eagerly request letters and studies for themselves. Inmates who receive letters may write back requesting an Andrews Study Bible, and most do.

The Bibles that the prisoners receive quickly become their most cherished possessions.

## From January to September 2015, Mackie and her colleagues sent out more than 4,700 Andrews Study Bibles, 300 Knowing Jesus lesson books, and 23,000 personal letters to inmates in 185 facilities in 24 states.

While Mackie was sending out Bibles from Wyoming, the necessity of a less expensive edition of the Andrews Study Bible designed specifically for use in prison ministries was noted by Dan Preas, the leader of an active group of Adventist prison ministry volunteers who regularly visit the Walla Walla State Penitentiary in Walla Walla, Washington.

“We began to have Bible-based studies ... and attendance grew from one to almost 40 ... and we now have five nightly studies per week with hundreds of inmates attending,” says Preas. “Our greatest need was large print Bibles. As a chaplain, I was given a small stipend. I said, ‘this money is going to buy Bibles.’ At the time I bought directly from Thomas Nelson, purchasing 200–300

Bibles at a time. It became immediately apparent that the inmates could use a study Bible. Some had other study Bibles and I felt impressed that we needed to give them a version that more closely followed the real meaning of Scripture. Hence, the idea for the prison ministries edition of the Andrews Study Bible came about.”

In 2014, Preas asked Andrews University Press to design a one-color edition of the Bible with large print that would be useful to inmates and accepted by prison authorities. While the Press worked on the design suggested by Preas, Preas raised the money and ordered 5,000 copies for volunteers to deliver personally to inmates in their visits for Bible study. Meanwhile, Mackie didn’t know about plans for a prison ministry edition.

“Back in 2010 and 2011, the business manager at Andrews University Press had noticed something unusual,” says Knott. “A woman from Wyoming was purchasing noticeable quantities of the regular retail editions of the Andrews Study Bible. Of course, we were happy about that, but we were surprised that someone could afford to do that—and we wanted to know more. When we learned about her ministry, and that she was sending them out to inmates in prisons, we arranged for her to receive quantity discounts. But we were still amazed that she was able to raise the money to do this. When Dan Preas helped us conceptualize the special large print prison ministry edition, which is much less expensive, we notified Judy, and she was immediately excited. She would be able to get the same study features in the Bible, with the added value of large print, for about half the cost of what she had been paying for the regular retail editions, even with the quantity discount. She ordered 750 to be added to the Walla Walla order. By the time everything got finalized, she received more than 1,300 Bibles.”

“I said ‘yes,’ and stepped out in faith,” says Mackie. “But by the time we received our order in November we already needed more.”

The design of the prison ministry Andrews Study Bible is conducive to overcoming the strict regulations that govern what objects may be admitted inside correctional facilities. The study Bible features a soft-but-sturdy bonded leather cover, with large print. It is alleged that many prisons have poor lighting and vision

## Binding Broken Hearts Ministry:

### *Selected Prison Inmate Comments about the Andrews Study Bible, July 2015*

**7/6/16** I would love to know if I could please get one of your Andrews Study Bibles. I met a guy in here and he showed me his and I loved it. I would love to study the Bible and learn more of what I should have been learning all this time. I’m tired of making bad choices and know that if I get to know the word of God it will make me a better man. **DW**

**7/6/15** This brief letter is simply to inform you that I have received my Andrews Study Bible and cannot thank you enough for such a blessing! It has already begun to provide me with invaluable insight and ease of instruction. God bless you and your organization for all you do! **CL**

**7/5/15** Just a quick letter to say thank you from the bottom of my heart for the amazing large print NJKV Holy Bible. **CC**

**7/5/15** I came across one of your Bibles in here called the Andrews Study Bible and I really love it, the owner said to write this PO Box # and ask for one and I would receive one. Please help me to obtain one, I am a Christian obviously and I would like to further my faith and change my life and become a better person. **JM**

**6/29/15** I have a brother in the Lord named Beau who received a wonderful study Bible from your organization and I was really impressed by the commentaries supplied with it. He said I could write and request one and am thrilled to do so. **SS**

care is often not a high priority in prisons and the large print is much more readable.

It includes almost all the regular features of the retail editions, including more than 12,000 study notes, a linked-reference system highlighting the great teachings of the Christian faith, center column references, maps, a Bible reading plan, an annotated theme index and a concordance. These features—originally designed to help those with limited access to study resources—are well suited to aiding inmates, who often lack basic Bible study tools.

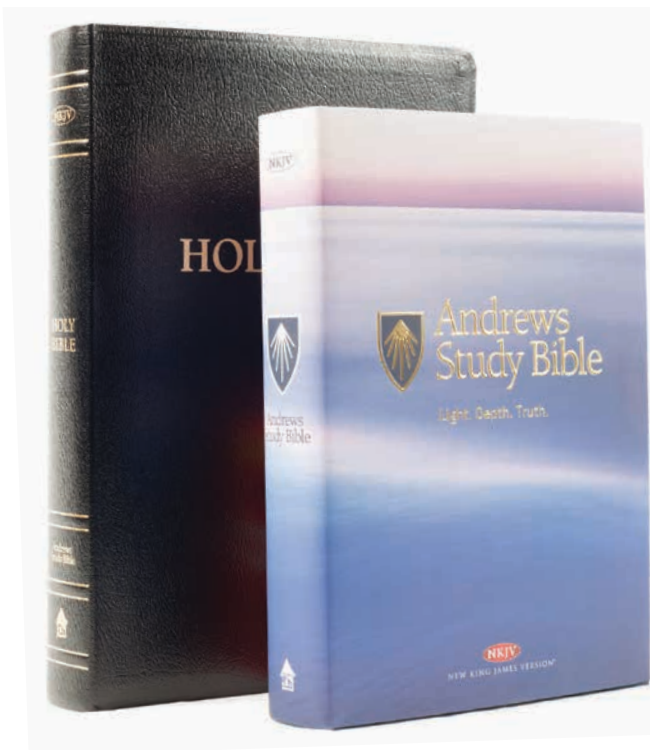
“If you could just see the faces of some of the inmates who have received the Andrews Study Bibles—your heart would melt,” says Preas. “The study notes are so helpful to those who have little Bible knowledge. For many, this is the only gift they have ever received.”

For many inmates, the Andrews Study Bibles are truly life changing. Most of the facilities the inmates are incarcerated in do not offer anything comparable, and their appreciation of the Bibles is evident in the thank-you letters they send Mackie.

While the inmates cherish the Bibles they receive, Mackie’s decision to give out comparatively expensive, bonded leather Bibles has not been without criticism. She maintains that while her ministry could give out several cheap paperback Bibles for the price of a single prison ministry edition of the Andrews Study Bible, there is something intangible in the sense of value these beautiful Bibles instill in the inmates.

“Many people have questioned why we give such an expensive Bible—about \$20 by the time we ship it,” says Mackie. “We believe these Bibles tell the inmate they have value—they are mostly shunned by society and forgotten by their families. We get letter after letter expressing their joy and thankfulness that someone cares. Most of all—they express the thought that maybe God hasn’t forgotten them either.”

“To turn the regular Andrews Study Bible into a large print edition meant increasing the physical dimensions of the book,” says Knott. “It’s large, and it has weight—and it is very good looking. That makes a powerful



**“To turn the regular Andrews Study Bible into a large print edition meant increasing the physical dimensions of the book,” says Knott. “It’s large, and it has weight—and it is very good looking. That makes a powerful impression. It commands immediate attention.”**

impression. It commands immediate attention. And because of the quality of the paper and the binding, and all the important study features, it makes an important statement about the value of the gift.”

When Mackie and her congregation had quickly exhausted their original stock of 1,300 Bibles, they immediately began planning for their own order of 5,000. Lacking the necessary funds—they turned to prayer. The Wyoming Adventist church held a special group prayer session, and within two hours they procured the remaining \$30,000 necessary to make the minimum \$45,000 down payment.

In May 2016 the shipment of 5,470 Bibles arrived in Wyoming. Members of the Sheridan Adventist church unloaded the Bibles and carried them to the church hall. Within a month, Binding Broken Hearts had

given away nearly a quarter of the Bibles.

Still, Binding Broken Hearts has more than 1,000 inmates on the waiting list as they receive funds to send the Bibles out, a testament to the limits of a purely donation-based ministry. For every Bible sent to inmates, Mackie estimates that at least two requests are received, as inmates realize that all they have to do is ask to receive their own Bible. In spite of Mackie and her congregation’s best efforts, there will always be inmates hungry for the word of God. Mackie estimates that they will give away the remaining Bibles by October or November.

“We are waiting and praying to know what direction God wants us to take,” says Mackie. “Our God is able to provide all these Bibles and more. He seems to be testing our faith and commitment right now. We are determined to continue to move forward. As funds come in we will send out more letters and Bibles.”

Binding Broken Hearts has been receiving outside help, and the organization has been building momentum. A donor offered to match contributions raised in October up to \$5,000, and supporters are sending money from throughout the U.S. Mackie, who has been running Binding Broken Hearts as a ministry in addition to her job, has been overwhelmed with the amount of support she has received.

“God doesn’t lack financial resources,” says Mackie. “He just needs willing hands.”

There are plenty of willing hands, according to Mackie, who contends that her ministry has brought the Buffalo Adventist church closer together.

“Our ministry is entirely donation-based and volunteer powered,” says Mackie. “Every member of the Sheridan church helps with this project. Our youngest helper is age 4, and our oldest is 82. The Gospel hasn’t reached the entire world yet, there are still those in prison who need to be visited ... We are confident that God will continue to provide.”

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Becky St. Clair is media communications manager for the Andrews University Division of Integrated Marketing & Communication (IMC)

Samuel J. Fry was a student writer for IMC

## Alumni calendar of events

For more information visit us online at [andrews.edu/alumni/](http://andrews.edu/alumni/) or contact the Office of Alumni Services at 269-471-3591 or [alumni@andrews.edu](mailto:alumni@andrews.edu).

### September

**29–Oct. 2 Homecoming 2016**  
**“Leaders in Christian Education”**  
 See page 18 for details.  
 Andrews University Campus  
 Berrien Springs, Michigan

**Please note:** Events in October are taking place earlier than in previous years due to the national election.

### October

**9 Maryland Regional Event**  
 11 a.m.  
 Sheraton Columbia Town Center Hotel  
 Lakeview AB  
 10207 Wincopin Circle  
 Columbia, Maryland 21044

**10 New York City Regional Event**  
 6 p.m.  
 Nick's Restaurant & Pizzeria  
 1814 2nd Avenue  
 New York, New York 10128

### November

**13 Bermuda Regional Event**  
 11 a.m.  
 Window on the Sound  
 The Fairmont Southampton  
 Bermuda

**Please Note:** Locations and times are subject to change. As the date of the event you're interested in gets closer, be sure to double-check [www.alumni.andrews.edu/rsvp](http://www.alumni.andrews.edu/rsvp) or call the office for updates.

### Who are alumni?

If you've graduated, attended, worked or taught at Andrews University we consider you alumni! And if you're a parent or a potential student considering Andrews, you're invited to be our honored guest.

**RSVP for an event:** RSVP for the above gatherings online at AU&ME, our alumni community: [alumni.andrews.edu/rsvp](http://alumni.andrews.edu/rsvp)

L–R: Leola Innocent (BS'82), Desrene Vernon-Brebnor (MA '01, current faculty), Maxine (Garriques) Anderson (BS '81), Cletus Georges (BS '87), Ruben E. Alarcon (BA '86)



Would you be interested in serving as a local host for an alumni gathering? Or maybe you'd be willing to sponsor an event in your area? How about serving on our Alumni Board of Directors? Connecting with students as a mentor? We'd love to hear from you! Email [alumni@andrews.edu](mailto:alumni@andrews.edu) or call 269-471-3591.

## New leaders, new initiatives create memorable celebration

What a great time it is for change in leadership at Andrews University. With this transition it would be safe to say that the prayer of everyone is that God is the ultimate leader that is guiding the various people he has given the task of leading Andrews University. This is the same prayer that I pray for myself as the new BSCF Alumni chair.



Je Ann Semeleer, new chair of BSCF Alumni

2007 marks the year that I was blessed to embark on the Andrews University experience. I was able to not only feel God's presence but also visually see it from the various countries and ethnicities represented on this campus. This appreciation and admiration has made me value the importance of various ethnic clubs on campus. Hence the reason I became part of the BSCF club in 2010 as an undergraduate student.

This year we are excited to celebrate BSCF Alumni

Weekend along with a pivotal New Life Fellowship event, which is their 25-year anniversary from October 7-8. It marks the year when blacks were allotted a space to worship God in their own preferred style and facilitated many students to encounter God and experience a memorable and unforgettable transformation. It is imperative that BSCF Alumni and New Life Alumni celebrate this milestone and many others to come. This celebration will commence on Friday, Oct. 7, at Impact, followed by worship on Sabbath, Oct. 8, where Damon Hendrickson from Bermuda will highlight and speak on this year's BSCF Alumni theme, "You did so I can." The weekend will culminate with a concert by Jonathan McReynolds with Jonathan Slocumb as the master of ceremonies.

The BSCF Alumni Committee (Wanda Cantrell, Jan Pickett, Adrian Langdon, Maxwell Murray, Michael Polite, Esther Battle, Garrison Hayes and Norma Greenidge) takes on the task of representing the black community that has passed through the Andrews University campus. We are excited to embody the theme of "You did so I can" by launching a mentorship program that will provide one-on-one mentorship sessions from a BSCF Alumni to a current BSCF student.

This is only the beginning and we are excited about the way God has been working and will continue to use us for His Kingdom. I am excited to worship, celebrate and meet you on October 7-8.

## BSCF Alumni Weekend & New Life 25-Year Anniversary October 7-8, 2016

For more information, email [bscfalumni@gmail.com](mailto:bscfalumni@gmail.com)

## Camp meeting regional events

Hundreds of people across the Lake Union Conference enjoyed fellowship and strawberry shortcake at camp meeting events held this summer. Andrews alumni were served at the Michigan camp meeting on June 11, Indiana and Wisconsin camp meetings on Saturday, June 18, and the Lake Region camp meeting on June 25. It was a pleasure to see all of you! **Pictured below, L-R:** Hannah Bullock, Matthew Master, enrollment counselor, and Jason Judson, a current Andrews student, who helped with serving strawberry shortcake to hundreds of alumni outside the Andrews University cabin at Wisconsin camp meeting.



## ASI Conference

Thursday, August 4, 2016

Well over 50 local alums and ASI attendees gathered on the sidelines of the conference in Phoenix, Arizona, to welcome Andrea Luxton to her first regional event as president. Niels-Erik Andreasen, president emeritus, introduced her and she shared her vision for the University and answered questions from alumni. After enjoying a great meal together, Andriy Kharkovyy, director of Alumni Services, shared a variety of updates and news from campus.



Above: President Emeritus Niels-Erik Andreasen introduced Andrea Luxton, the new president of Andrews University  
Below: Alumni enjoying fellowship



## New student orientation

### Alumni Lend-a-Hand Move-In

Sunday, August 14, 2016



Nearly 60 community volunteers, alumni, faculty and staff joined the Office of Alumni Services in welcoming new students to campus by helping them to move into the dorms. This event has been one of the best received volunteer events on campus both by the volunteers and the thankful parents and incoming students. Thank you to everyone that showed support by coming out and making this a successful event!

### “Get the Scoop” Ice Cream Social

Sunday, August 14, 2016



The Alumni Services team served new students and their families at the annual “Get the Scoop” Ice Cream Fair. M&M toppings were offered to hundreds of hungry individuals and information about the Alumni Association was shared.

### Andrews Legacy Parents Reception

Monday, August 15, 2016



Legacy parents enjoyed paging through yearbooks and reminiscing over their Andrews experiences. This was an opportunity to support each other during this exciting time of transition and change. Alumni staff enjoyed meeting new students and their parents.

### Alumni Barbecue and Mentor Event

Friday, August 19, 2016



As part of the New Student Orientation program for incoming students, 25 local alumni served as mentors during the annual Alumni Barbecue and Mentor event. Alums were as recent as August graduates, chosen to inspire new students as they begin their college journey. They ate with their mentor group, joined icebreaker activities, and shared thoughts on how to be successful in college. It was a win-win experience for all involved.

# Andrews Legacy





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14

Roughly one-third of new students coming through FIRST STOP during New Student Orientation identified themselves as Legacy students—students with a sibling, parent and/or grandparent who attended Andrews. The Alumni Association celebrated this legacy connection by taking photos of the students and/or families.





Kris David Gray

## 1970s

**David Bostrom** (M.Div. '72) recently celebrated a birthday and wrote a note of appreciation. "Thank you for the kind personal touch. God has been our joy and strength. We think of our wonderful days at the Seminary, our years of ministry and now in retirement doing a Sabbath Delight Seminar in churches in various states. We are personally building a log home and taking a bit of a break from seminars. Good health, faith in our coming Savior and a continued joy in ministry keeps us young in faith and in good health. A birthday is a reminder, life is a gift and "for me to live is Christ." **Sandy (Garrow)** (att.) and I wish you a school year of inspiring all the seminarians to be true to Christ and his present truth. The Bible is our sole rule of faith and practice. What a time to train end-time Adventist pastors."

**Gerald King** (BA '74), an orthopedic surgeon with Western Carolina Orthopaedic Specialists, recently presented the Dinner with a Doc seminar, "From Pain to Performance: Hip and Knee Replacement," at the Haywood Regional Medical Center in Clyde, North Carolina.

King came to Haywood in 2007 and joined Western Carolina Orthopaedic Specialists in April 2010. He is board certified by the American Board of Orthopaedic Surgery and a member of the American Academy of Orthopaedic Surgeons. King is a general orthopedic surgeon who applies the most up-to-date procedures now available to his special interest in trauma, shoulder, hip and knee reconstruction. He is also the medical director of HRMC Center for Joint Replacement.

King received his medical degree in 1977 from Loma Linda University, School of Medicine. He then completed a five-year post graduate residency program in orthopedics through Loma Linda University which included a first year of internal medicine. Over the past 28 years his practice has experienced the innovative evolution of orthopedic surgery. He finds nothing more gratifying than helping a patient return to the activities in which they find joy. He clearly considers his ability to help others a true blessing. He has served on several mission trips with the most recent being to Africa. Gerald and his wife, **Edith** (BA '74), have three grown children.

## 1980s

**Kris David Gray** (BS '81) is the new CMO of Florida Hospital Memorial Medical Center in Daytona Beach, Florida. He will oversee activities and functions related to physicians and patient care, including medical staff services, credentialing, compliance with accrediting bodies, patient satisfaction and infection control. Prior to his tenure at FHMC, Gray served as CMO of Florida Hospital DeLand.

He earned his bachelor's in biochemistry from Andrews University and a medical degree from Loma Linda University (California). He completed his residency at the former Hinsdale Hospital in Illinois.

## 1990s

**Craig Van Rooyen** (BA '90), a San Luis Obispo County prosecutor who has prosecuted several high-profile cases since joining the county District Attorney's Office in 2007, was appointed to a local judgeship by California Governor Jerry Brown on June 28, 2016. Prior to joining the District Attorney's Office as a deputy district attorney, Van Rooyen was a partner at Bingham McCutchen LLP and also served as a deputy district attorney at the Riverside County District Attorney's Office for four years. In his time in San Luis Obispo, Van Rooyen successfully prosecuted several notable cases, including the murder trial of Los Angeles gang member Armando Yopez for the 2011 drive-by shooting of Gabriel Salgado in Oceano.

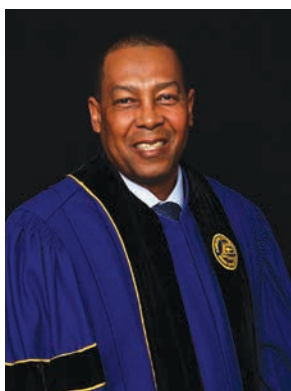
He earned a Juris Doctor from the UCLA School of Law and a Bachelor of Arts from Andrews University.

**Roland E. Fischer** (M.Div. '92) was inaugurated on June 25, 2016, as the rector at Friedensau Adventist University in Germany. Fischer has taught at Friedensau since 2009.

Fischer graduated from Marienhöhe Seminary in Darmstadt in the mid-1980s and later received a master's degree from the Andrews University Seventh-day Adventist Theological Seminary. He earned another degree in theology at Friedensau Adventist University in 2001, and a doctorate in philosophy from the University of Bayreuth in 2007. His dissertation was titled "Education in Worship. Adventist Bible School."



Jonathan Koch



Allan Chichester

While studying, Fischer worked as a youth pastor in Augsburg and in Neunkirchen for seven years, spent 13 years as a senior pastor in Kassel, and led a German institute that trains Adventist pastors from 2005 to 2012, the Inter-European Division said. He joined Friedensau Adventist University as a teacher of practical theology in 2009 and was appointed professor of practical theology in May 2016.

Fischer has been married to Heike Fischer for 35 years, and they have three children.

## 2010s

**Jonathan B. Koch** (BA '12) has joined Collins Einhorn Farrell PC in Southfield, Michigan. He will be an attorney with the firm's appellate practice group, concentrating on appellate and trial level motion practice. Koch previously worked in the Michigan Supreme Court as a judicial clerk to the Honorable David F. Viviano. He has experience in a number of areas of Michigan law, including medical malpractice, legal malpractice, no-fault, municipal law, employment law, premises liability, and general civil litigation.

After graduating from Andrews University, Koch went on to obtain a Juris Doctor, *cum laude*, from the University of Michigan Law School in 2015. While in law school, he served as the notes editor of the Michigan Business and Entrepreneurial Law Review. Koch was also the symposium editor for the Harvard Journal of Law and Public Policy. In addition, he was the president of the Michigan Student Chapter of The Federalist Society.

Koch is a member of the Appellate Practice Section, the Litigation Practice Section, and the Negligence Practice Section of the State Bar of Michigan. He is a resident of Ypsilanti, Michigan.

**Allan Chichester** (DMin '15) was the 2016 recipient of the DMin Excellence in Research award. The recognition is comprised of a certificate and a small monetary award. He currently serves as senior pastor for the Toronto Central Seventh-day Adventist Church in Ontario, Canada. His degree was conferred in December of 2015 with a concentration in Urban Ministry. He is a member of the cohort that started in 2011. The DMin Excellence in Research award is not the first recognition Chichester has received in connection with his DMin work. The implementation of his project, "A Strategic Marketing Plan for Community Ministries at the Toronto West Seventh-day Adventist Church," impacted his community such that he was awarded the Her Majesty Queen Elizabeth II Diamond Jubilee Medal by the Government of Canada. This was in recognition of the service he and his church members provided in the community of Etobicoke North in Toronto. He was nominated for the medal by the Member of Parliament for Etobicoke North, Kirsty Duncan, who personally conferred the recognition at a special award ceremony.

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THE ANDREWS ALUMNI CONNECTION



## Deaths

**Herbert Allen Holden** (att.) died August 8, 2016, in San Diego, California.

Herb was born January 7, 1920, in Hinsdale, Illinois, the only child of William Henry and Sadie Holden. At the time of his birth his father was the president of the Illinois Seventh-day Adventist Conference.



His childhood was primarily spent in Berrien Springs, Michigan where his father had been transferred as president of the Lake Union Conference. He attended school in Berrien Springs from the 4th grade through two years of college at what is now Andrews University. His final two years of undergraduate studies were completed at the University of Wisconsin in Madison. Herb was steeped in a culture of service and dedication to faith and values. His mother was adamant that the only acceptable professions were a minister, teacher or doctor. Doctor it was!

In the fall of 1939, at the age of 18, Herb began his studies at Loma Linda University Medical School in California, graduating in 1944. Upon leaving medical school Herb entered the U.S. Navy serving as a Lieutenant. His first year of military service was served as an intern at the U.S. Naval Hospital in Farragut, Idaho (a 5,000-bed hospital treating patients with acute

diseases including pneumonia and meningitis).

In 1945 he was assigned to The Sea Partridge, an ocean liner put into service with the military to transport 3,000 troops and 50 corpsmen to Okinawa and the Philippines. These were unique times for a 25-year-old new doctor. In the seas off Okinawa a Kamikaze pilot hit a ship in his convoy. Given the shortages of supplies during wartime, Herb removed the appendix of a young soldier using open drop ether as anesthesia.

Upon discharge from the Navy in 1949, Herb joined the busy O.B. practice of Raleigh Brines in Santa Barbara, California. He left a year later to establish a family practice with his medical school colleague, Michael Corbett and his partner John Simpkin. Finding this busy practice focused on women and children very satisfying, he served the San Leandro community for 45 years, until 1995.

Early in his practice of medicine, Herb became a leader in the medical community. Partnering with several other young physicians they established and developed a badly needed 100-bed general hospital, Doctors Hospital of San Leandro, which was later acquired by the Humana hospital organization.

As his local practice thrived in San Leandro, he became increasingly involved in medical politics. His professional accomplishments included: 1948 president, San Leandro Kiwanis Club; 1960 first Chief of Staff at Doctors Hospital San Leandro; 1969 president of Alameda-Contra Costa Medical Association; 1967 president of California Academy of General Practice; 1974 national president of the 60,000-member American Academy of Family Practice; and 1974 national president of

the certifying Board of Family Physicians.

Herb retired to Palm Desert in 1995 and enjoyed golf, traveling, family and his faith.

He is survived by four daughters: Carol Promessi (Phil), Lisa Gilardi (Jim), Ardythe Warren (Darren) and Susan Holden, eight grandchildren, 11 great grandchildren and five great-great-grandchildren.

**Carol Ann Brady Dennis** (former faculty) died unexpectedly in her home in Berrien Springs on August 2, 2016, at the age of 81.



Carol was born on Christmas Eve, 1934 in Takoma Park, Maryland to John and Barbara (Stacy) Brady. She graduated from Duke University in 1957 with a degree in nursing, and Loma Linda University in 1959 with a master's in nursing.

She married Thomas Elmer Dennis in 1965. Carol was a nursing professor at Loma Linda University and Andrews University and was a working licensed RN for over 40 years.

Her children remember her as a driven, professional, working single mother who encouraged them to pursue excellence.

Carol was an accomplished quilter of more than 100 handmade quilts, all of which she gave away, never taking a single penny in payment. She was a unique individual who loved the healthcare profession

and who was passionate about educating students. She was an active and dedicated member of the Seventh-day Adventist Church, and often volunteered during her retirement years in Pathfinders and Maranatha building projects.

Carol is survived by her children, **Mary Ruth Davis** (att.) and son-in-law Brian Patrick Davis, and **Twyla Eileen Smith** (BA '93, MSW '08, current faculty) and son-in-law **Jeffrey Wayman Smith** (BA '93, current staff); siblings, Jane Spear of Hagerstown, Maryland, and James Brady of Moncure, North Carolina; and grandchildren: Kollyn, Meagen, Aidyn and Eryn Davis. She was preceded in death by her brother, Jack Brady; and sister, Janice Gaster.

**Richard M. Rideout** (BA '69) passed away quietly July 16, 2016, after a valiant battle with an aggressive cancer.

Richard was born to Dorothy M. and **Richard F. Rideout** (MA '59) on Feb. 12, 1945, in Berrien Springs, Michigan. He returned to Berrien Springs to complete his Bachelor of Arts in history from Andrews University and continued to live there until April 2016 when he went to live in Yucaipa, California, with his sister and brother-in-law to obtain medical care from Loma Linda University Hospital.

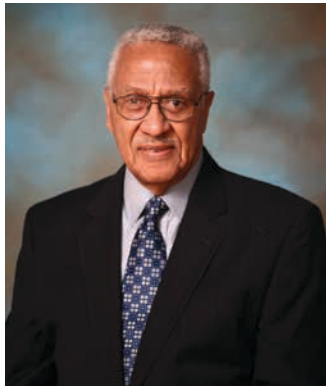
Richard was a journeyman printer and worked in that career until 1975 when he began what he referred to as his "true calling," working for Stanley Hill at Your Story Hour, the children's radio ministry based in Berrien Springs. The rest of his life was shaped by his work at YSH, and he continued to faithfully serve his Lord in that ministry until his death.

Richard was born with a passion for cars, from his first toys to his last pickup truck. If

you wanted to start a conversation with him, cars were always a good topic. History was also a passion for him, especially researching civil war and black history as well as Seventh-day Adventist history. He spent many happy hours volunteering at the Battle Creek Adventist Village.

He is survived by his sister and brother-in-law, **Constance (Rideout)** (BA '70) and **Lester Lorenz** (att.); his brother, Stephen A. Rideout; two nieces, **Amy Lorenz** (BS '95) and Rachel Rideout; a nephew, Lars Lorenz and his wife Christina; and two great-nephews, Jakob and Lukas. An aunt and uncle, **Edith** (BA '58) and **Stanley** (BA '61) **Applegate**, and an aunt, Dorothy Metzger, and numerous cousins and friends also mourn his passing.

Retired Seventh-day Adventist evangelist **C.D. Brooks** (Honorary DD '85) died on June 5, 2016, after a brief battle with pancreatic cancer.



Charles Decatur (C.D.) Brooks was born in Greensboro, North Carolina, on July 24, 1930, the tenth child of Marvin and Mattie Brooks.

Brooks was convicted to change his career plans from dentistry to ministry in 1947 after attending an evangelistic tent meeting. He graduated from Oakwood College (now Oakwood University) in Huntsville, Alabama, in 1951 with a degree in theology.

Brooks' first love was evangelism and he continued to conduct meetings after taking on the role of church administrator for the General Conference of Seventh-day Adventists.

At Oakwood, Brooks met the love of his life, Walterene Wagner, daughter of John H. Wagner Sr., a stalwart of 20th century black Adventism. They were married on Sept. 14, 1952, at the Ebenezer Seventh-day Adventist Church in Philadelphia, Pennsylvania.

He served the Columbia Union as a pastor, evangelist and administrator until 1971, working mostly in Pennsylvania, Delaware, New Jersey and Ohio.

In 1971 Brooks was asked by GC President Robert Pierson to serve as a field secretary for the Seventh-day Adventist world church, a role he held until 1995, making him the longest tenured field secretary in church history. While serving at the GC, Brooks took on the dual role as speaker/director for the Breath of Life Ministry, a new television ministry of the GC that was produced at the Adventist Media Center in Thousand Oaks, California.

Brooks partnered with Walter Arties, Louis B. Reynolds and the Breath of Life Quartet to produce television programming that reached out to audiences all around the world. In 1989 the ministry was broadcast on Black Entertainment Television (BET), and reached a potential audience of more than 90 million people a week. Brooks was speaker/director of Breath of Life Ministries for 23 years, from 1974 to 1997.

In 1996 health challenges forced Brooks to retire from the General Conference and in 1997 he stepped down as speaker-director for Breath of Life.

Brooks had a long and productive retirement and in 2007, in honor of E.E. Cleveland, Charles Bradford, and C.D. Brooks, the

Bradford-Cleveland-Brooks Leadership Center (BCBLC) was established on the campus of Oakwood University.

On Dec. 1, 2010, the Ellen G. White Estate elected Brooks a lifetime member of the Ellen G. White Estate Board. The North American Division invited Brooks to be its chaplain in residence in 2013, a position he held until his death.

Brooks is survived by his beloved wife of almost 64 years, **Walterene** (att.), his children Diedre and **Charles "Skip" Jr.** (att.), and three grandchildren.

(Used by permission of Adventist Review. Photo courtesy of the Brooks family.)

**David K. Peshka** (DIP2YR '48, BA '52), died on Monday, May 30, 2016, at his home in Niles, Michigan.

Peshka was born November 17, 1918, in Chicago, the son of Carl and Katerina (Lutz) Peshka. He was a World War II veteran, having served with the Army Air Corps. He moved to Niles and established a medical practice which served the community for over 50 years. He was an active member of the Niles Westside Adventist Church where he had served in many positions.

Survivors include his wife, Elinor; two sons, Ken (Dana) of Grand Rapids and Dan (Debby) of Holland; two daughters, **Deborah** (BS '80) of Niles and **Dawn** (att.) (Erik) of Arcata, California; stepdaughter, Phyllis (Bill) Shupp of Edwardsburg; four grandchildren; two step-grandchildren; and two step-great-grandchildren.

He was preceded in death by his first wife, **Justina (Batiuk) Peshka** (att.), in 2006.

**Royce Clomaine Thompson** (BA '51, MA '68), 85, died April 28, 2016 in Redlands, California.

Born July 7, 1930, in Hinsdale, Illinois, he was the last of three



children. His parents, **Frank Stuart** (BA '18) and **Vina Miles Thompson** (DIP3YR '18) accepted a call to Jamaica when Royce was 5 years old. He attended a local church school in Jamaica while his mother taught and also did home school along with his sister. His parents transferred to Havana, Cuba when Royce was 12 years old. His older brother, **Garth** (BA '46, MA '59, BD 67), by that time was attending Andrews University in Michigan. At the age of 15 Royce and his older sister, **Iris** (DIP2YR '50), also joined the student roster at Andrews—first as academy students and then in college.

Royce graduated in 1951 with a business degree and began working in the Illinois Conference ABC while waiting for his bride-to-be, Elaine Christensen (also of missionary parents), to finish her degree at Andrews. However, during that year he was drafted into the Army where he served for two years—one year of which was in Korea at the height of the conflict.

He and Elaine were married in Miami where Elaine had worked in the Inter-American Division office while waiting for his discharge. They returned to the Illinois Conference where Royce served as assistant treasurer. Three years later the couple was called to the IAD Antillean Union's Bella Vista Hospital in Puerto Rico where Royce served first as treasurer, then became

the administrator for the remainder of 13 years.

During a nine-month furlough between 1967 and 1968, Royce pursued his MBA at Andrews University, returned to Bella Vista Hospital, and a year later, (1969) was invited to move the family to the Far Eastern Division where he served a short time as business manager of Thailand's Bangkok Adventist Hospital, then became the administrator. In 1974 the family moved to the Southeast Asia Union headquarters based in Singapore where Royce undertook the oversight of Southeast Asia's six hospitals and served as Union treasurer.

The conflict in Vietnam was coming to an end in April 1975. Royce was part of the team of Union and Division church leaders that met in Saigon to close the Saigon Adventist Hospital. The evacuation of many local church leaders and hospital workers was an historic event for the denomination. In 1977 Royce became the assistant treasurer of the Far Eastern Division and in 1980 the family took permanent return as their two children pursued college education in the U.S.

In the fall of 1980 Royce joined the administrative staff of Florida Hospital in Orlando where he served 17 years in various capacities, the last six of which as the CEO of the newly acquired Florida Hospital Waterman in Eustis. There he undertook the planning process to build a new hospital and initiated mission trips for employees through the Maranatha organization. He retired in 1997.

Royce and Elaine moved to Southern California in 1999 to coincide with becoming grandparents.

Royce is survived by his wife, **Elaine** (BA '52); daughter Cheryl T. Galusha, nurse educator of Spokane, Washington; son,

Kevin S. Thompson; and two grandchildren, Kara and Alex Thompson.

**Robert Edward Stringer** (att.), 91, of Stevensville, Michigan, died on April 27, 2016.

Bob was born Feb. 17, 1925, in South Bend, Indiana, to George Franklin and Mary Mabel (Gillaspy) Stringer. He graduated from EMC Academy in 1943. The family attended church at the Old Courthouse building, which at that time housed the Village Seventh-day Adventist Church. He attended EMC for one year, then Union College in Lincoln, Nebraska, with a two-year pre-dentistry degree.

Robert married Gladys Pearl Covert on Jan. 18, 1947, in Michigan City, Indiana. He worked at Josam Manufacturing for many years in shipping and inventory control, then most recently in his retirement years at Packaging Group. He served as head elder and church treasurer in the Michigan City church.

Bob is survived by his wife, Gladys; daughter **Linda** (MS '51) and her husband **Edgar** (att.) **Lockwitz** of Stevensville, and sons Robert B. (Susan) Stringer of Berrien Springs, Kurtis (Kathy) Stringer of W. Sacramento, California, and Matthew (Ruth) Stringer of Arcadia, Indiana; 10 grandchildren and 20 great-grandchildren.

He was preceded in death by his parents; sister, Virginia; and brother, James.

**Phyllis Antonia Roberson** (DIP2YR '50), 84, died April 15, 2016, in Altadena, California.

She was born to the late Leon and Mildred Mae (Jackson) Street on Oct. 29, 1931. Although she was born in The Bronx, New York, her family home was in Millsboro. It was there that she spent most of her childhood tending to the family garden and



chicken farm, learning to can homegrown fruit and vegetables, cooking farm-fresh food and baked goods, sewing, quilting, braiding rag rugs, and developing many life skills.

Phyllis attended high school at Pine Forge Academy in Pennsylvania. In 1949, she attended Emmanuel Missionary College, where she studied pre-nursing. She received her BSN in 1954 from Loma Linda University in California, and a master's degree in nursing from UCLA in 1977.

Phyllis' life was one of service to her family, church and community. In 1955, she married her sweetheart, Robert L. Roberson Jr., and together they had one daughter, Jan M. De Andrade, with whom she was very close. She was also the proud grandmother of two grandchildren, Ariana Roland and Charles Roland IV. She enjoyed caring for and spending time with them. She was also blessed with a great-granddaughter, Savannah Holland, with whom she enjoyed weekly FaceTime chats.

Phyllis deeply loved the Lord and was committed to the Altadena Seventh-day Adventist Church. There, she volunteered her time by serving on the Usher Board, Sabbath School Department, and Health and Temperance Committee, just to name a few. She was also a member of numerous organizations, including the Las Donas

Club, Alexis Club, Glendale Academy Home and School Board Association, Wives of the Bench and Bar Association, and the Nanticoke Indian Association.

Phyllis was very proud of her family's Native American heritage. As a member of the Nanticoke Indian Tribe, located along the Indian River in Delaware, she shared her Native pride with friends and family alike. Phyllis also had many hobbies, including sewing, traveling, cooking/baking, and helping others in need.

Phyllis's husband, the Honorable Robert L. Roberson Jr., to whom she was married for over 60 years, predeceased her two months earlier.

She is survived by her daughter, Jan De Andrade (Dieco); two grandchildren, one great-granddaughter and a host of brothers-and sisters-in-law, nephews, nieces and cousins.

Charitable bequests.  
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Dick and Claudia Sowler have been avid birders since their first date—a birding outing in a Loma Linda Foods wastewater treatment area. They love spending time outdoors, searching for new varieties and old favorites. And when they were looking for a way to make a difference at Andrews University, they didn't have to search far. By remembering Andrews University in their estate plan, Dick and Claudia can support future generations of Andrews University students—birders and non-birders alike.

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# Andrews University

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Photo by Darren Heslop, IMC staff photographer

Student leaders offered prayers of dedication and support for Andrews University's new president and provost, Andrea Luxton and Christon Arthur, at University Convocation, held Thursday, August 25, in Pioneer Memorial Church.