

## Lives of Language: Programming, Auditing and ASL

*Marvin & Sylvia Budd retire as database administrator & internal auditor*

IN 1969, AS A YOUNG EMPLOYEE IN THE administrative computing department at Andrews University, Marvin Budd saw the payroll clerk come downstairs to do the first timeclock punchcards for a new hire.

“I thought she was cute,” he admits with a grin. “So I moved to get in line behind her so when she turned around she ran straight into me. My plan to talk to her worked like a charm!”

The clerk turned out to be Sylvia, who, in the fall of that year, agreed to accompany Marvin on their first date. In May of 1973 Sylvia and Marvin became husband and wife and the rest, as they say, is history.

Marvin recalls that his first ever computer course was at Andrews Academy as a senior. He started learning computing on an IMB 1401 and never looked back.

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One day in 1981 Marvin stopped by Sylvia’s desk in the business office at Andrews University and asked if she wanted to move to Washington, D.C. Her response: “Not really!” Despite her misgivings, the couple decided to relocate so Marvin could help the General Conference of Seventh-day Adventists (GC) start their Information Services department. Sylvia began working for the GC in the treasury department.

In 1994, they moved again, this time to Indiana to be closer to Sylvia’s mother who was now a widow. Marvin accepted a job at North American Van Lines and then a software engineer position at a small company that is now owned by General Dynamics, a position that sent him to Australia five times to test software.

Over the years, Sylvia developed a successful career in finance and accounting, and, in 1994, she passed her CPA on the first try. In addition to her treasury position

at the GC, Sylvia served at the Illinois and Indiana Conferences as an auditor, and finally at Andrews University as an internal auditor until her retirement in 2016.

“I’m from a generation where it wasn’t common for a woman to be an accountant or auditor,” says Sylvia. “I just didn’t have many examples from which to draw inspiration as a woman in that field.”

Marvin’s job at Andrews entailed keeping the administrative Banner system updated with vendor upgrades and keeping everything running smoothly, making sure the right people had access and the wrong people didn’t. He also was in charge of installing the new web version of the system just prior to his retirement in 2016.

“If you heard about me I probably wasn’t doing my job,” he says with a chuckle. “If you don’t know who I am, I was doing my job well.”

Electronics and how they work have always been interesting to Marvin. When he was five years old, his parents gave him an electric train for Christmas and he played with it until the engine stopped working.

“One afternoon when I woke up from my afternoon nap before Mom did, it suddenly dawned on me that the screw she needed for her watch might be found inside my broken train engine,” Marvin recalls. “So I went downstairs and got the screw out of the train...with a hammer. Though appreciative of my helpful intentions, my folks were rather disappointed that my new train was now on the basement floor in pieces.”

While Marvin enjoys taking physical things apart, Sylvia enjoys putting factual data together. While living in D.C., Sylvia spent significant time at the National Archives and the Library of Congress, researching her family history.

“I’ve learned many, many interesting things,” she says. “One of the most interesting discoveries I’ve made is that I have heritage in the Revolutionary War.”

In the mid-1990s, Sylvia became a member of the Daughters of the American Revolution—an organization of women who can prove lineal descent from a patriot of the American Revolution.



Marvin has also been active in ham radio (AC8PM), earning proficiency in passing messages with Morse Code in the Eastern Area Network, and earning the highest level for ham radio operators. Over the last five years he’s also found enjoyment in tree-climbing and pruning.

“It’s a good balance for a sedentary life behind a desk,” he admits.

Sylvia, however, does not share this interest: “You won’t find me in a tree!” she says with a vigorous shake of her head. “I’d rather be safely in an armchair, reading a book.”

With a grin and a teasing glance at his wife, Marvin adds, “Her guardian angel isn’t as adventurous as mine.”

In the early 2000s, Marvin began memorizing large amounts of scripture. In 2004 he won the Johnston Bible Memorization Award at Andrews for reciting 500 Bible verses with references.

Though both Marvin and Sylvia have differing interests, passions, and careers, there is one hobby they have learned to love together: American Sign Language (ASL).

In 1978 Marvin took an ASL class at Pioneer Memorial Church on the campus of Andrews University. Since then, he has made it a point to find members of the deaf community for whom he could translate

church services, and has served for the last ten years on the board for Three Angels Deaf Ministries. Intrigued, Sylvia began to learn, and together, the Budds found friends-like-family in the deaf community everywhere they lived.

“I don’t interpret, but I can make myself understood,” says Sylvia. “Marvin has a brain for language so he’s better at translation, but I can communicate with ASL.”

In March, Marvin spent two weeks translating for a deaf ministries event in India.

“The challenge with that particular assignment,” explains Marvin, “was that I didn’t just translate from spoken English

into ASL. I also translated from ASL into spoken English, which is actually much harder.”

Through the years, Marvin and Sylvia have learned to trust God with their futures. This never came into play more than it did when, in 2009, Sylvia was diagnosed with ovarian cancer.

“That kind of makes you evaluate seriously what your future is going to be,” she says somberly.

She underwent major surgery and while she felt confident she’d come out of the surgery fine, it was what was going to happen afterward that concerned her, as the prognosis for this kind of cancer isn’t usual-

ly good. Despite the fear and doubt for the future, Sylvia is currently doing well, and admits she’s blessed to “still be upright.”

“God is good,” says Marvin quietly. “Whenever I see the order in the heavens I know God is there, and that he’s got everything under control. My time at Andrews has helped that faith grow even deeper.”

Sylvia agrees: “Most of the people we’ve interacted with here at Andrews have a deep commitment to the students and to God,” she says. “Here, you stand still and the best in Adventist education walk through the halls around you. It’s a real blessing to be a part of that.”

## Emily Carlson appointed as new director

*For Undergraduate Leadership Development Program*

“LEADERSHIP” IS CERTAINLY A BUZZ word that has been circulating in academia as well as professional settings for several years now. The dictionary defines “lead” as “go before or with to show the way; to guide; to influence.”

“I first started engaging intentionally in leadership development at age 14,” says Emily Carlson, newly appointed director of Undergraduate Leadership Development.

Carlson’s office is comfortable and inviting, festooned with trendy chalkboard signs and beautiful etched glass stenciling on the door. In this room she counsels, talks with, and gets to know students as she guides them through their personalized leadership journey at Andrews.

“Seeing the world through leadership eyes has influenced the ways in which I engage in my community, so much of my decision-making and my commitment to the Adventist Church,” Carlson points out.

As she journeyed through her life, Carlson found herself engaged with some pretty powerful personal leaders, including Dave Ferguson, her predecessor in the Leadership program; Wendy Eberhardt, young adult and summer camp ministries director for the Arizona Conference of Seventh-day Adventists; and Rich Carlson, chaplain at Union College (Lincoln, Nebraska).

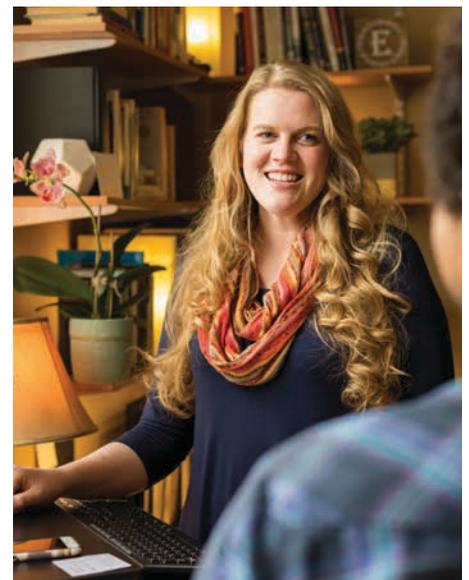
“Dave instilled a lot of confidence in my own abilities by giving me a lot of responsibility from an early age, and believing in and

“Seeing the world through leadership eyes has influenced the ways in which I engage... much of my decision-making and my commitment to the church.”

championing my strengths,” says Carlson. “Wendy has been a picture of quiet, steady, courageous leadership. It is Wendy’s example that gives me courage to lead well as a female in primarily male-dominated circles. And Rich modeled the gift of presence as a leader in a way I haven’t seen in many others; his ability to empower, cast vision and gently challenge his team is unparalleled.”

Each of these memorable leaders in Carlson’s life demonstrate the Leadership Program’s working definition of leadership: individualized, intentional influence. Carlson began modeling these characteristics as a substitute teacher on-campus and local Adventist elementary schools and academy.

As she continued building her leadership toolbox in the graduate psychology program at Andrews, she also led as a graduate assistant in the leadership program. During her tenure in Campus & Student Life, where she worked for two years as the assistant director of student



activities & involvement, Carlson completed several certifications, including Engaging Young Leaders Level 1 Training.

“I feel pretty strongly that if I had not had the leadership experiences and role models in my high school and college years, it is likely I wouldn’t be in the church today,” she admits. “It’s hard to leave something you’re invested in, and that investment has come through my engagement in leadership in the church.”

Over the next few years, Carlson plans to integrate more assessment methods into the curriculum, strengthening on-campus partnerships, growing the program, and engaging more deeply into co-curricular offerings so students who are not able to participate in the academic leadership program can still benefit from its presence on campus.

## Service, not self

*New SBA dean has passion for others-focused leadership*

**RALPH TRECARTIN ENTERED ATLANTIC** Union College as a theology major with every intention of becoming a pastor. When he added accounting as a minor, he never saw the change in his future coming.

“I would go from studying Greek to studying about debits and credits and contemplating the types of decisions that would be made as a result,” he recalls. “I’ve always found it very rewarding to build and sell things, and when it was time to leave pastoral ministry and attend the Seminary at Andrews, I chose to walk the road less traveled.”

He enrolled in the MBA program instead.

“While there, I was asked to teach accounting and so embarked on a life journey that was never expected in my adolescent years,” he says.

Once he achieved his PhD in finance, Trecartin spent a number of years trying to think of ways to solve the world’s problems, while at the same time enjoying the entrepreneurial aspects of building study abroad programs and moving currencies around the world.

Trecartin accepted the position as dean

### “Student success should be our number one goal.”

of the School of Business Administration and associate provost for the University in January 2017.

He identifies four areas in his professional life that he finds himself passionate about: student success, high impact educational practices, adventure education and denominational administrative mission.

“Student success should be our number one goal,” he says. “This includes all of the exciting elements that are included in the creation of an educational experience that leads to professional success.”

In the Adventist context this includes encouraging a much more holistic worldview through meaningful relationships and lives of service.

“Serving God and man with an eternal framework in mind is the path to success in all areas of life,” Trecartin says.

Though Trecartin prefers listening, he enjoys teaching immensely. He revels in the opportunities to get to know his students



well, engaging in intense dialogue and developing lifelong friendships with them.

Trecartin sees business administration as a ministry opportunity. It is not only continually engaging, he says, but it offers a sense of fulfillment and excitement you might not expect.

“There is a great need for service-minded business professionals in contrast to self-oriented leaders, he says. “In business administration there are untold opportunities to make life better for others and to have an eternal influence.”

## Promoting early research in science education

*Desmond Murray lead editor for book published by American Chemical Society*

**IMAGINE IF OUR 21 MILLION AMERICAN** high school students were inspired and immersed in at least one year of original, hands-on research. Imagine the potential impact of even 0.1% to 1% of these students continuing to do more research in all four years of college.

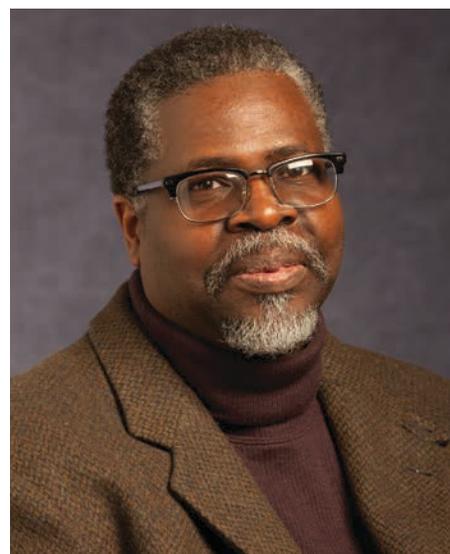
This is the clear and simple yet powerful vision that the editors and authors of “The Power and Promise of Early Research” offer as a fundamental and system-wide game-changer for American science education.

This 13-chapter, peer-reviewed book is the brainchild of lead editor Desmond H. Murray, associate professor of chemistry. Over the past 20 years, Murray has mentored about 1,000 students in early research experiences he describes as “incu-

bators of innovators.” He was recognized as the 2012 College Science Teacher of the Year by the Michigan Science Teachers Association for his ongoing passion, mission and work to realize the universal adoption of early research.

Co-editors Sherine Obare, associate vice president for research at Western Michigan University and James Hageman, special assistant to the president at Central Michigan University, have also engaged a diversity of students in early research.

The book is full of successful real world authentic research experiences of 19 authors and co-authors, including a penultimate chapter, “Lab Tales,” with personal testimonials from 14 students, past and present. They form a diverse mosaic drawn



from high school and community and four-year colleges, representing rural, urban and suburban areas, and different socio-economics, ethnicities and gender.

## Increasing the value of the universe

*Biologist Jim Hayward retires after more than 30 years at Andrews*

AS A KID, JIM HAYWARD LOVED SAM CAMPBELL's nature stories, such as "Too Much Salt & Pepper," "Moose Country" and "Fiddlesticks & Freckles."

"I wanted to be like Sam," he says. "He was my hero. As soon as I discovered that being a biologist was an occupation that would allow me to study nature like Sam did, that's what I wanted to be."

In 1972, Jim achieved that lifelong goal by graduating with a degree in biology from Walla Walla University (College Place, Washington). Three years later he earned his master's in biology from Andrews University, and followed that with a PhD in zoology from Washington State University (Pullman, Washington) in 1982.

Jim was born in New England and lived there for the first 12 years of his life.

**"Serving as a professor is a humbling experience because you constantly work with students who are blessed with amazing minds, who ask penetrating questions..."**

"Dad was a preacher, so before I left home I lived in lots of places—Massachusetts, Rhode Island, Georgia and Texas," says Jim. He then attended school in Arkansas, Washington State and Michigan, and worked in California and Nebraska. "I have a good feel for the whole country," he says. "Because of that, though, it's hard to say anywhere is 'home.'"

For the last 31 years Jim has provided thoughtful expertise in the Andrews University Department of Biology as both a professor and a researcher, and, since 2015, professor emeritus. During his time here, Jim has received four awards, including the Undergraduate Research Mentor Award (2015), the Siegfried H. Horn Award for Excellence in Research and Creative Scholarship (2015), and the Award for Excellence in Teaching (2002 & 1995). His 1998 book, "The Creation/Evolution Controversy: An annotated bibliography," was selected by the American Library Association's magazine "Choice" as one of its Outstanding Academic Titles in 1999.

"Serving as a professor is a humbling experience because you constantly work with students who are blessed with amazing minds, who ask penetrating questions and who come up with novel ways to do and think about things," he says.

Jim has worked with Honors Council and students in the J.N. Andrews Honors Program for many years, helping students shape their proposals into meaningful projects—something he has enjoyed immensely.

Though Jim knew as a kid that he wanted to study nature, and had determined by his freshman year of high school that biolo-

gy would guide his career path, some other things in life took a bit longer to solidify for him.

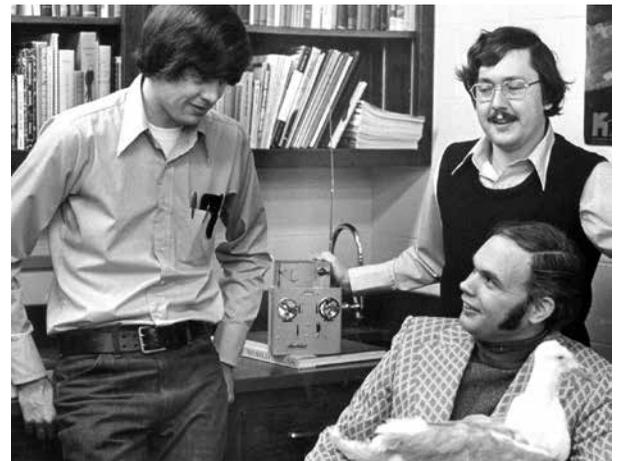
"I was brought up in a very conservative Christian home, but it took time before I had what you'd call a real conversion experience," he says.

It happened just after finishing his PhD in his first year of teaching, as he read C.S. Lewis' "Voyage of the Dawn Treader."

"That allegory—a children's book no less—was the most powerful witness I'd ever experienced," recalls Jim. "It was there I encountered the Divine and I've never turned back."

When he looks back over his career, Jim finds himself most proud of the way he's helped thousands of students explore nature for themselves. He also finds a sense of pride in the 30 field seasons he's spent working on Protection Island National Wildlife Refuge in Washington State.

"It's a truly remarkable place," he says, "and a place where we've made some really exciting discoveries."



*Jim Hayward (standing left) as a graduate student in 1972 with his mentor John Stout (seated) and fellow student Humphrey Gillette*

Jim also finds the interactions he has had with his faculty colleagues rewarding, noting that he has been "graced" with friends throughout campus, each one enriching his life.

As he enjoys retirement, Jim remarks that he still maintains an office on campus, is still heavily involved in research, continues to work with students and has enough writing projects to keep him busy for another lifetime. He recently finished building a lab at home and enjoys working in his well-equipped woodshop.

Additionally, he cherishes time with family and friends, including his daughter, son-in-law and four grandsons in Walla Walla, Washington. He also very much looks forward to taking a trip someday soon to the British Isles with his wife, Shandelle, to hike along the Welsh and Scottish coastlines.

"I've never regretted pursuing a career in biology," he says. "But if I could go back and talk to my 18-year-old self I'd say, 'Be patient, kind and accepting of yourself and others. Listen, really listen to each person's story.' As the song from the 1960s says, 'Be not too hard, for life is short, and nothing is given to man.'"

Ultimately, though, Jim's lifetime goals are simple and straightforward.

"I recall once reading an ethical theory that states that a person should always act in ways that will increase the value of the universe," he says. "I want to be that kind of person in the time I have left."