



## WV HOUSE IMPLEMENTS VOTING SYSTEM IMPROVEMENTS FOR 2023 SESSION



When the West Virginia House of Delegates contacted IRC a few months ago to inquire about implementing IRC's voting system solutions in their chamber, we were excited at the possibility of welcoming the West Virginia House back into the family of IRC customers. Not only were they interested in bringing IRC's technology back into the House but they were hoping to get it done before the start of the 2023 session.

It's fair to say that gave us a moment of pause.

With a very active year on the books and an installation schedule that was already to full to the point of practically overflowing, IRC sharpened our pencils and consulted with our project management team to determine the plan to implement the voting system improvements the West Virginia House wanted.

These improvements included the xmLegislator™ Voting Software, xmDisplay to interface with their existing third-party displays, all-new custom designed Member voting consoles, and implementation of the Chamber Automation System.

Completion of such a robust scope of work in short order would be challenging in the best of circumstances, but the prospect was further complicated by the ongoing supply chain issues for electronic components and hardware that have impacted industries across the board.

"What we have seen are unprecedented delays in procurement," IRC's David Ward, Jr. states. "Components that used to be available in four to six weeks now have lead times of four to six months.



*(continued on page 3)*

## *A Letter from the President*

Dear Friends,

Since 1936, International Roll-Call® Corporation (IRC) has been working in cooperation with State Legislatures throughout the United States with the single goal of improving the services we provide to our customers. IRC has survived the test of time because of our continued commitment and dedication to our customers. Our motto is simple, "Legislative service and support is our only business"; however, this motto means much more than the successful implementation of legislative solutions, we provide continual service and support of the legislative process. IRC has amassed a tremendous amount of knowledge by way of the many Voting and Legislative Management Systems we have installed in the diverse and unique legislative environments within our country.

We are often called upon to advise and provide consultation to Legislatures and architects as they embark in a capitol or chamber restoration. The history of IRC, along with the expertise of its employees, has helped to guide a number of Legislatures in harmonizing the need for modern technologies within an historical building. It is fair to say that with the assistance of IRC, our customers have saved hundreds of thousands of dollars by avoiding costly mistakes in the design and implementation of these technologies.

It is not an easy task to comprehend the complexities of the Legislative process, one has to not only have been working in that environment, but also has to be continually exposed to and involved with the diverse legislative processes throughout all fifty states. When it comes to the complexities of the Voting System, to the maze of tracking a bill from concept to law using our 3rd Reading Legislative Management System, we feel that IRC has the knowledge and experience to help lay the foundation upon which both the Voting System and Legislative Management System can be constructed and tailored to the needs of each legislative body.

We are proud of our history and of our Legislative accomplishments. Call upon us for your next Legislative project. We will be glad to assist you any way we can.

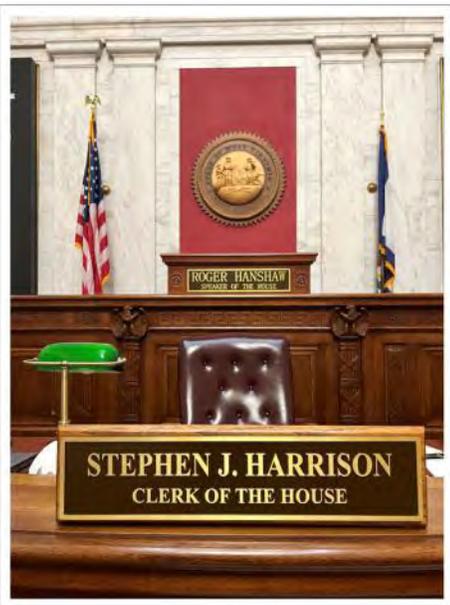
Wishing you and yours a joyous holiday season and a Happy New Year!

A handwritten signature in black ink that reads "Bill".

*(WV House continued from page 1)*

So, it requires us to anticipate delays where they are most likely to occur, and to be ready to change our project plan and timeline at a moment's notice." Communication of these challenges and realistic expectations to IRC's customers has been essential in navigating this obstacle, and it was certainly true in the case of the voting system improvements for the West Virginia House.

In the end, IRC was able to design the new system in a way that utilized parts and components we had in stock or could get in a reasonable amount of time. This succeeded only because IRC is taking a proactive approach to mitigate future delays in project installation by stocking up on various components. IRC is confident that by resource stockpiling where possible during the interim periods of project schedules, the supply chain issues and timeline impacts will be lessened—as it was in the case of the West Virginia House.



By utilizing small installation teams over multiple onsite trips, remote installation methodology for software, and with the generous and tireless assistance of the House staff, by the first week of December, IRC was able to implement the xmLegislator™ Voting Software, the VSCU-1000 system control, and install all of the custom Member voting consoles, which featured new face plates, buttons, a new custom microphone grommet, and a smart duplex outlet with USB-B and C connections for charging personal electronic devices.

It gives us great pleasure to welcome the West Virginia House of Delegates back into the fold of our family of legislative customers. We are very happy to report that the House is quite pleased with the solutions we have provided and the increased flexibility and

functionality of our system. When it makes the lives of the legislative staff easier, it makes our work on designing and building legislative solutions worthwhile.

We'd like to offer special thanks to the House Clerk, Steve Harrison and his staff as well as the extremely supportive House IT staff. **Excelsior** to our friends in the West Virginia Legislature! 🌐

## WHAT'S COOKING AT IRC?

### Tangy Lemon Bars

(Submitted by Mary Gibson)



#### Crust

2 cups + 2 tbsp all-purpose flour  
1 cup powdered sugar  
1/2 tsp salt  
1 tsp vanilla  
1 cup unsalted butter, melted

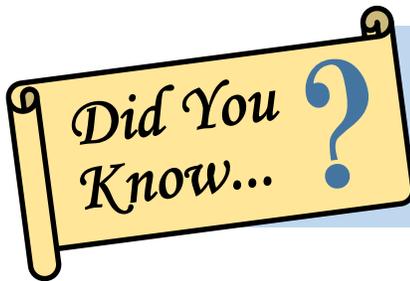
#### Filling

2 1/2 cups granulated sugar  
1/2 cup flour  
7 large eggs  
1 cup fresh lemon juice (4-5 lemons)  
Pinch of salt

#### Instructions

1. Preheat oven to 350 degrees and line the bottom and sides of a 9×13 baking pan with parchment paper that sticks up above the sides of the pan, so that you can remove the bars later for easy cutting. Set pan aside.
2. To make the crust, combine the flour, powdered sugar and salt in a medium bowl.
3. Add the melted butter and vanilla extract and stir to combine completely.
4. Crumble and distribute over the bottom of the pan and press evenly into the bottom so that it's even.
5. Bake for 15-20 minutes or until the edges are just getting lightly browned. Remove from oven and set aside.
6. To make the filling, combine the sugar and flour. Add the eggs, lemon juice and salt and whisk together to combine. Don't over mix.
7. Pour the filling on top of the crust and bake for 18-22 minutes or until relatively set. Remove from the oven and cool for 15-20 minutes on the counter, then refrigerate until cold and firm.
8. Remove bars from pan and dust with powdered sugar, then cut into squares. Bars are best when stored well covered, and they'll last for 5-6 days.





## A Historical Look Back at Early Voting

by Scott Maddrea, Legislative Process Consultant

As you know, IRC is not in the business of election voting systems or counting ballots but we thought it would be timely to provide insight into the history of early voting in the United States. As we have seen in recent election cycles including 2022, early voting has become much more the norm and creates a new dynamic for tallying election results on election night. According to the National Conference of State Legislatures (NCSL) 46 states, the District of Columbia, American Samoa, Guam, Puerto Rico and the Virgin Islands offer early in-person voting, and statistics show that since the early 1990s, the number of voters that cast their ballots prior to Election Day has risen steadily.

The U.S. Election Assistance Commission reports that in 2016 more than 41% of all ballots nationwide were cast before Election Day – with in-person early voting making up 17%, and voting by mail 24%, of all turnout. The NY Times has reported that in the 2020 presidential election, the early vote made up 63 percent of the electorate.

### Early Voting Today (NCSL – August 30, 2022)

- ◆ Early voting periods range in length from three days to 46 days. The average number of early in-person voting days is 23.
- ◆ Early in-person voting may begin as early as 55 days before the election, or as late as the Friday before the election. The average start date for early in-person voting is 30 days before the election.
- ◆ Of the states that allow early in-person voting, 23 and the District of Columbia allow some weekend early voting.
- ◆ 19 states, plus the District of Columbia provide for voting on Saturday. Seven additional states (California, Florida, Kansas, Massachusetts, North Carolina, North Dakota and Vermont) leave it up to county clerks who may choose to allow Saturday voting.
- ◆ Six states (Alaska, Illinois, Maryland, New York and Ohio) allow for Sunday voting. Seven states (California, Kansas, Massachusetts, Michigan, North Carolina, North Dakota and Virginia) leave it up to county clerks who may choose to be open on Sundays.

If you believe the national media, early voting is a relatively new phenomenon. Various sources note that in 1978 California became the first state to allow no-excuse absentee voting and in the late 1980s, Texas had become the first state to offer early in-person voting. Others cite all vote-by-mail elections in Oregon (1995), Washington (2011) and Colorado (2013).

*(continued on page 8)*



In the  
**Spotlight**

**Scott Zinski**  
**Software Developer**  
**Legislative Management Solutions**

Scott Zinski is an IRC Legislative Management Systems software developer. He received is training in web development at the University of Richmond. His technical background as a full stack developer brings an invaluable asset to the IRC team. While he is skilled in technology he is so much more.

Scott was born in Richmond, Virginia and moved several times throughout his childhood. He is the youngest of three with both an older brother and sister. In his youth, Scott was always riding his BMX and dirt bikes. While living in Connecticut, he would often find himself cutting trails daily through the family home acreage.

Scott, a strong math and science student, had aspirations of attending college to earn a degree in physics. However, as was true for many, while in college he discovered the Beat Poets reading On the Road and Dharma Bums. In addition, he discovered camping. Now bear in mind Scott's foray into camping was where you fill a backpack with a tent, sleeping bag and a bottle of whisky. As Scott remembers, "we went to Dolly Sod West Virginia, hiked for miles and howled at the moon."

Two years into his college years found Scott struggling to stay interested in his studies. Instead, he ventured to the west and spent a month hitting National Parks: Yellowstone, Yosemite, Kings Canyon, Redwoods, Sequoia, Death Valley, Bad Lands, Zion, Bryce, The Grand Canyon and quite a few more. At nearly each Park, Scott made application for openings and eventually received an offer from Zion National Park. Scott worked and lived in Zion Canyon. Every day he walked among nature exploring slot canyons and finding hidden waterfalls. After four months in Zion, he moved on to Big Sur, California.

He lived in his car on the side of Pacific Coast Highway 1, hiked through the Santa Lucia Mountains and showered in cliff side springs. He explored the Redwoods in Humboldt County and looked for bigfoot in those peaks. After this westward revelation, he returned to college and changed his major to Religious Studies and Philosophy. Yet, again, studies were the furthest thing from Scott's attention. During this time he worked automotive related jobs including running a wrecker, rebuilt Lambretta scooters, and learned about motorcycles.



*(Scot Zinski continued from page X)*

Next up for Scott was following a college roommate to India. Hoping on a plane to Delhi and began to immerse himself in the culture of this new land as a dirty beatnik from America where he was treated like a celebrity. His adventures in India included the Village of Kalga, 30 miles up a thin Himalayan valley with a ribbon of glacial melt, the Parbati River, flowing a rocky run one hundred feet below the road. The first town with a phone was a two-hour hike back. And yet weekly, he and his friends would still push deeper into the mountains. He spent his first night ever in a blizzard on top of a mountain ridge. And yet, one month in and amongst all this natural wonder, he found himself missing his girl (and future wife) from home. He managed to figure out how to get her to India and together continued touring India, then our visas were up, but not our adventures.

Having a friend in Australia meant we would give the “land down under” a go. We arrived in Sydney from Delhi, to the most civilized and friendly folk. Sydney in itself was a nearly as much a shock, so organized and fresh. We had our own “walkabout” on foot for a week and decided to continue on through the continent. Later, we found a Volkswagen minibus with a pop top camper, named it Chana (after the Hindi word for chick pea), and headed into the outback visiting Wilpena Pound, Adelaide, Ulura, KataJuta, Darwin, Exmouth and Perth. We camped every night by the side of the road, or a welcoming camp ground. In the outback, anywhere you can park is where you can camp. We camped on the beach in Exmouth, and swam in coral reefs just feet past the break. During our time there, we met so many travelers going and coming, just like us. Finally, just days before our six-month visas were up, we rolled into Perth, sold the van to travelers headed back the way we had just come, and suddenly we were back in America.

Once back Scott completed his BA in Religious Studies but soon decided that he did not desire to work on a concrete floor. So, pivot, and he found a job as a land surveyor and spent four years tromping through the woods, and all over Virginia counties inspecting property. Eventually, Scott found his way to working inside behind a computer along with having a son and a daughter with his travel partner artist wife.

Scott remains an avid off-road dirt bike rider and still loves camping all over Virginia, West Virginia, North Carolina, Tennessee, and Kentucky sleeping in camping hammocks preferring to forego a tent. His kids have discovered soccer, art, climbing, and kayaking.

Scott found his niche in computers as his desire to learn again took over and he wanted to creatively problem solve. His brother, a programmer, suggested a code bootcamp. Scott tried the web development bootcamp at the University of Richmond and knew from the first week that he had found his calling. Scott spent the next six months buried in google, writing code as much as he could while also working 40+ hours a week, and keeping up with two kids and his wife. Scott credits his wife with carrying the family through this time demanding period providing him with the ability to study and focus on the course work. Scott successfully graduated from the bootcamp and was almost immediately hired by Capital One. Nine months in to the job Covid hit and with remote work and being shuffled around teams he got the itch for something new and challenging. He yearned to tackle new code and functionality, and a client to build a product for and the next thing he knew was that he somehow made a connection with Bryan Hogan at IRC, and as Paul Harvey would say, “now you know the rest of the story.” 🌐



*(Early Voting continued from page 5)*

### Historical Context

In truth early voting dates back to the earliest days of the new republic. In fact, it wasn't until 1845, when the federal government set the first Tuesday following the first Monday in November as the national standard for presidential elections. And it wasn't until 1872 that Congress mandated that all states hold their congressional elections on the same day as the presidential election. In 1788, the first presidential election started on Dec. 15, 1788, and ended almost a month later, on Jan. 10, 1789. Hmmm, sounds kind of like present day.

In 1792, Congress authorized a 34-day window prior to the first Wednesday in December, during which each state to choose presidential electors. Individual states could determine what day to hold their presidential elections, and while most states had their election on a single day, some had elections over the course of two days.

The 1840 presidential election began on Friday, Oct. 30, in Ohio and Pennsylvania and ended on Thursday, Nov. 12, in North Carolina.

While many attribute the rise in a return to early voting to the pandemic, the move toward a single uniform election was driven by the invention of the telegraph, rise of the two-party system, and growing voter turnout. According to a story in The Boston Daily Globe in February of 1915, the prevailing idea in Congress was to create a national election day on a Tuesday about 30 days before the meeting of the presidential electors. (Tuesday because most states already held their elections on Monday or Tuesday, and they thought it was generally a good idea to have one day between Sunday and election day, making Tuesday the preferred day over Monday.)

Even so the first Tuesday following the first Monday in November was set as the date the selection of presidential electors, it would be another 27 years before Congress mandated a uniform day for congressional elections.

According to Scott James, the 1848 congressional elections spanned 15 months, from August 1848 to November 1849.

And just as northern and southern states were divided over the issue of slavery, there was also a clear geographical split in scheduling congressional elections. Northern states tended to hold congressional elections on the same day as presidential elections, while Southern states, in contrast, scheduled congressional elections several months after presidential election day.

Early voting returned to elections through the military during the Civil War, as a result of the competition between Abraham Lincoln and George McClellan. In order to get the votes of Union soldiers who were serving away from home Lincoln began excuse-required absentee voting, whereby soldiers could vote absentee by mailing ballots to family members for them to cast by proxy. In Ohio, the absentee military ballots that were considered qualified – from white men over 21 years old – accounted for 12% of Ohio's votes in the 1864 presidential election.

During the early 1900s, many states amended their laws to allow ballots to be mailed directly to election officials, and gradually extended the same privileges to civilians. NCSL's Wendy Underhill cites 1921 as the first earliest example of "in-person absentee voting" before Election Day (Louisiana). In Virginia, the state constitution was not amended to permit absentee balloting by members of the military until World War II (1945).

As you can see early voting is not a new phenomenon but has become more widely used in recent elections including the recent 2022 elections. Debate continues regarding the application of early voting and whether it needs to be regulated and implemented differently. Time will tell. As of today, early votes and late early votes are still being counted across the United States. Stay tuned as to how early voting may continue to evolve. 

## IRC VICE PRESIDENT TYLER SCHAEFFER VISITS DAKTRONICS HEADQUARTERS

The headquarters of International Roll-Call® Corporation (IRC) and Daktronics respective offices are approximately 21 hours and over 1400 miles of highway apart with Richmond, Virginia and Brookings, South Dakota lying at each end of the trip. But distance does not inhibit success between these two collaborative companies that work together to install cutting edge legislative voting systems and voting system display boards. The strategic alliance formed between IRC and Daktronics in December 2003 was truly a watershed moment in the history not only for both corporations but for the legislative technology field in general. This partnership set in motion the ability for IRC to offer the best display technology for legislative environments as well as bring IRC's cutting-edge Voting System Software and Legislative Management Solutions to a greater number of Legislatures all around the country.



Prior to 2003, IRC and Daktronics were in competition for state legislature clients and ultimately decided that working together would allow each company to focus on their strengths and provide American Legislatures the best possible products. The 2003 alliance spearheaded by Daktronics Jim Morgan and IRC's David A. Ward and Bill Schaeffer provided that IRC would assume all of Daktronics voting system clients and produce the voting hardware, software and management systems while Daktronics would focus on providing LED display solutions. The revised structure of these companies reconstituted a solid foundation for each to best serve the state legislatures throughout the United States.



IRC's Tyler Schaeffer (center) with Daktronics' Brock Wallen (left) and Jay Parker (right)

Recently, Tyler Schaeffer, IRC's Vice President, had the pleasure of experiencing Daktronics hospitality and further solidifying the alliance for the future. In addition, Tyler was able to receive a tour of Daktronics Brookings, SD office complex. Hosted by Jay Parker and Brock Wallen, Tyler was able to visit the historic memorabilia on display from Daktronics years as a legislative voting system company; evolution of their high-tech LED display boards which are located in professional, college, high school, and recreational venues both throughout the United States and the world; and received a first-hand look at Daktronics assembling area for their display board technology.

Regarding his recent visit, Tyler noted that the visit "was an awesome experience" and extended special thanks to Jay Parker and Brock Wallen for making his trip extra special on short notice. Tyler further noted, "It was awesome to see the quality of products Americans can produce... It goes without saying that the IRC/Daktronics alliance sets us apart from everyone else. Our history together and our shared values forever resonate on the services and products we provide..."

*(continued on page 12)*

## At Ease with IRC: Scott Maddrea

Scott is often putting his legislative process knowledge to use even in his down time. His knowledge of the legislative process harkens back to when he began his career with the Virginia House of Delegates while completing an internship during his junior year at the University of Richmond. Upon graduating with a B.A. in Political Science in 1987, he continued working as a Legislative Assistant, campaign manager and political consultant. He served as a Legislative Liaison (lobbyist) for the Virginia Association of Realtors until he was appointed as a House of Delegates Clerk's Office Deputy Clerk for Committee Operations. Scott served as Deputy Clerk for Committee Operations for 18 years and was responsible for oversight of the House's standing committees, subcommittees, and numerous interim and special committees. He retired in August 2018 after more than 30 years of service with the Virginia General Assembly.

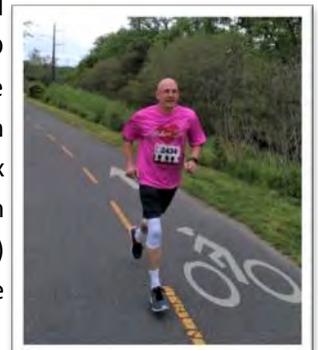
Now cut to his volunteer work with the American Legion. Scott has served the Virginia American Legion Boys State program since 2000 serving as a Legislative Counselor during the intense one-week hands-on civic exercise for rising high school senior young men across the Commonwealth. In addition, he serves as the Secretary of the American Legion Virginia Boys State Board of Directors. His work with the American Legion extends beyond the Boys State program as he currently serving his second term as Department (State) Membership Chairman. His volunteer work with the American Legion has also included service in the following positions:



- ◆ Past Commander of Glen Allen American Legion Post 244
- ◆ Past Commander of the 11th District earning accolades as the Eastern Region District Commander of the Year and Department of Virginia District Commander of the Year
- ◆ Served on the national Americanism Council to assist in promoting an understanding and appreciation of American government, the rights and responsibilities of American citizenship, and activity in the American way of life through youth activities, community service, instruction of prospective citizens and legal immigrants, education and educational facilities, and protection of the U.S. flag from physical desecration.
- ◆ Graduate of the National American Legion College



Scott recently returned to running. You will find Scott registered to run in a 5k or 10k event almost every weekend. His "love" of running stems from his Army Reserve days. In 2020, he entered his first 5k because "it was one of the few activities that I could do without a mask or social distancing, and besides with COVID -19 running rampant I figured there were a lot worse things I could be doing than strengthening my lungs and respiratory system with an occasional run." Since then, he has completed forty-five (45) 5ks, six (6) 8ks, one (1) 9k, three (3) 10k, and two 10-milers with another six (6) races scheduled before the end of the year - one (1) 10k, two (2) 8ks, and three (3) 5ks. In October he achieved a long-time goal of completing the Army 10-miler in Washington, D.C. and earlier this month completed his first half-marathon.



*(At Ease continued from page X)*

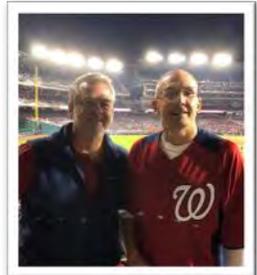
Scott loves his dogs! He is currently being raised by his two, six-year-old, long-haired, miniature dachshunds, Jax (a.k.a Jackson) and Leah.

If you have ever had the privilege of sitting in on one of Scott's classes you will quickly realize his vast grasp of history and government. He possesses an uncanny ability to bring the history or civics lessons to life for his students. Scott has been a frequent guest lecturer on the legislative process at Christopher Newport University, James Madison University, George Mason University, Virginia Commonwealth University, and the University of Richmond, as well as meetings of the National Conference of State Legislatures (NCSL) and its staff sections including the American Society of Legislative Clerks and Secretaries and Research and Committee Staff. He is an avid writer and has written articles and co-authored the chapter, "The Virginia General Assembly and the Process of Making State Laws" in the text, *Governing Virginia*.



Since 2013 has served as an adjunct faculty member, teaching State and Local Government at Christopher Newport University and Virginia and U.S. History at J. Sergeant Reynolds Community College.

In his free time, Scott loves a trip to a baseball park to watch the game, eat the food, and enjoy the atmosphere. He has visited 49 major league ballparks, 31 minor league parks and another 16 spring training facilities in both Florida and Arizona. In addition to parks, he has attended 161 games (151 Regular Season, 22 Spring Training, 1 MLB All-Star Game, 2 World Series) witnessing 324 major league regular season home runs. During these jaunts to baseball venues, he has made it a point to see every major league team both home and away. Incredible feat for a true fan of America's past time.



Well, I'm not sure if Scott is truly "at ease" but he sure pounds a lot into his days and has a lot of fun doing it! 🌍

## 2022 ASLCS David A. Ward Technology Awarded:

***Nathaniel "Nate" Sanko, Senior Legislative Assistant, Pennsylvania Senate***



IRC extends congratulations to Nathaniel "Nate" Sanko for being selected as the 2022 Recipient of the David A. Ward Technology and Innovation Scholarship. Nate was awarded the scholarship to offset expenses to attend the American Society of Legislative Clerk's and Secretary's Professional Development Seminar in Little Rock, Arkansas.

Nate is a twelve-year veteran of the Pennsylvania Senate having joined the Secretary of the Senate's office in 2010. From the outset of his career, Nate had an interest in the legislative process and parliamentary procedure. In 2019, after the retirement of his mentor, Nate rose to the position of Senior Legislative Assistant and has served in that capacity to the present.

As a Senior Legislative Assistant, Nate is responsible for drafting and proofing legislative documents relative to session matters. During the COVID-19 pandemic, Nate worked diligently on digitizing the bill filing process. As a result of his work, the Pennsylvania Senate now conducts Bill introduction through electronic means, allowing the members to file Bills remotely, safely, and securely.

Upon his selection as the scholarship recipient, Nate expressed excitement for the opportunities the scholarship will provide for his professional development including an enhanced learning experience regarding the technological aspect of the legislative process. He plans to gather knowledge and ideas that he can bring back home to the Pennsylvania State House.

The David A. Ward (former President of IRC) Technology and Innovation Scholarship was established to assist Associate members of the American Society of Legislative Clerks and Secretaries (ASLCS) with costs related to attending the Society's annual Professional Development Seminar. 🌍

*(Visiting Daktronics continued from page 9)*



Daktronics is the world’s largest supplier of large screen video displays, electronic scoreboards, LED text and graphic displays, related control systems and services. Put simply, Daktronics has manufactured state-of-the-art displays for nearly 50 years – taking countless products from design, to production, to end of life. Each of Daktronics’ products consists of common components they select, including LED modules, power supplies, signal distributors, video processors, and media players.



[WWW.DAKTRONICS.COM](http://WWW.DAKTRONICS.COM) | Experience the Daktronics Difference!

Both IRC and Daktronics support the direct manufacturing of or the sanctioned manufacturing of their products in the USA. The adherence to this philosophy significantly controls the quality of production and provided solutions that are offered. IRC and Daktronics do not rely on someone else to produce the product to our high standard specifications. This quality assurance is becoming very rare in today’s market as even the biggest names are not producing their products in their own factories. Daktronics has nearly 1 million sq. ft. of manufacturing space in Brookings and Sioux Falls, South Dakota and Redwood Falls, Minnesota. In addition, Daktronics invests over \$25M annually in product development. The Daktronics' in-house Reliability Lab provides product quality feedback to IRC and Daktronics engineers and service personnel, driving them to continually improve display designs and increase product reliability in the field.

As a result of IRC’s alliance with Daktronics, there exists a vast network of Daktronics professionals to add another layer of legislative support throughout the entire United States – ensuring on-site response within 24 hours and, in many cases, sooner than that. Working together we have made significant changes to the LED voting displays designed for the state legislatures, including improved reliability, streamlined control equipment profile, and reduced costs. 🌐



## RECENTLY COMPLETED IRC PROJECTS

### Maine Senate and House

xmLegislator™ Voting Software, VSCU-1000 System Control, Member Voting Consoles, Full-Color LED Displays

### Minnesota Senate

xmLegislator™ Voting Software, Full-color LED Displays

### Missouri House

Full-color LED Displays

### Oregon Senate and House

Full-color LED Displays

### Pennsylvania House

Full-color LED Displays, xmLegislator™, Custom Speaker's Console

### Ohio House

Displays control upgrade

### California Assembly

Pre-session visit

### Iowa Senate and House

Onsite training and pre-session visit

### Montana Senate and House

Onsite training and pre-session visit

### West Virginia House

xmLegislator™ Voting Software, Chamber Automation Software, xmDisplay interface, Member Voting Consoles

**CHAMBER DISPLAY SOLUTIONS**

IRC offers our state-of-the-art display technology that can be custom configured and installed by our experienced technicians. All IRC displays offer exceed the expected lifespan of other display equipment by five years or more.

The International Roll-Call™ and Daktronics partnership offers access to two proven United States based companies committed to customer success and timely service.

**Optimization**  
Due to varying levels of ambient light in a legislative chamber, our state-of-the-art technology can provide sufficient brightness for legibility.

IRC's partnership with Daktronics allows for the most extensive of function and interface between IRC software and the Daktronics LED displays.

**Flexibility**  
No matter the location of the display, IRC's expertise in legislative chamber display solutions offers a technological product that can offer a model to allow members, staff, and visitors full viewing from any angle.

**LED High Resolution Displays** come in a variety of panel sizes, which dictate the resolution:  
1.5mm 1.8mm 2.5mm 3.0mm

FOR MORE INFORMATION VISIT US ON THE WEB  
[WWW.ROLL-CALL.COM](http://WWW.ROLL-CALL.COM)  
OR CONTACT US 804-730-9600

## IRC Salutes Retiring Legislative Clerks and Secretaries

**Retired October 2022**

**The Honorable Debbie Brown  
Secretary of the Senate  
Florida Senate**



**Retired November 2022**

**The Honorable Robert Haney  
Chief Clerk of  
the House of Representatives  
Texas House of Representatives**



**Retired November 2022**

**The Honorable Megan Martin  
Secretary and Parliamentarian  
of the Senate  
Pennsylvania Senate**



**Retiring December 2022**

**The Honorable Patrick O'Donnell  
Clerk of the Legislature  
Nebraska Unicameral**



# MEETINGS AND GREETINGS 2022

## ASLCS Professional Development Seminar - Little Rock, Arkansas



# MEETINGS AND GREETINGS 2022

ASLCS Professional Development Seminar - Little Rock, Arkansas



# MEETINGS AND GREETINGS 2022

## ASLCS Professional Development Seminar - Little Rock, Arkansas



# MEETINGS AND GREETINGS 2022

NALIT (National Association of Legislative Information Technology) - Madison, Wisconsin



# MEETINGS AND GREETINGS 2022

## NCSL Summit: Denver, Colorado



# MEETINGS AND GREETINGS 2022

## NCSL Summit: Denver, Colorado



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## IN MEMORIAM

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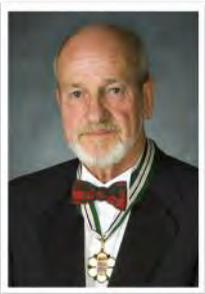
**Stephen R. Arias****Clerk of the New Mexico House of Representatives, Ret.**

IRC is deeply saddened to learn of the passing of the retired Clerk of the New Mexico House of Representatives, Stephen Arias. Steve passed away on August 28th at the age of 77.

Steve's life and career were centered around public service. He served 45 years in the New Mexico State Legislature, 32 years as Chief Clerk. At the time of his retirement in 2014, he was recognized as the longest serving Clerk in the New Mexico State House, and the 3rd longest serving Clerk in the nation.

Steve was extremely active in both the American Society of Legislative Clerks and Secretaries and the National Conference of State Legislatures, both of which he held leadership roles. He was recognized by ASLCS in 2012 with the Legislative Staff Achievement Award. He also led the efforts toward the formation of the Asociacion Nacional de Oficiales Mayores de los Congress de los Estados y Distrito Federal, the first collaborative association between the Mexico and US states bordering Mexico.

Steve's lifetime expertise and friendship will be deeply missed.

**E. George MacMinn****Clerk Consultant of the Legislative Assembly of British Columbia**

IRC offers our sincerest condolences to the family, friends, and colleagues of George MacMinn, who passed away on August 30th at the age of 92. George had a prolific career as an attorney, parliamentary officer, and author.

He began his legislature tenure as Clerk Assistant to the BC Legislative Assembly. His parliamentary career spanned 54 years, serving under 11 Premiers and 15 Speakers. George was the longest serving Table Officer in the Commonwealth's history. Following his retirement from the legislature in 2011, he was recognized internationally for his pre-eminent expertise on parliamentary law, practice, and procedure. His authored work, "Parliamentary Practice in British Columbia" is the authority of choice for the BC Legislature, in its third edition.

George was an honorary member of the American Society of Legislative Clerks and Secretaries and participated in many Clerk's conference in the Commonwealth. He's world renowned legislative and legal expertise will forever be revered. George is admired and missed by many.

**William "Bill" Welch****Clerk of the Massachusetts State Senate, 2004-2018**

IRC was very saddened to learn of the passing of the former Clerk of the Massachusetts State Senate, Bill Welch. Bill passed unexpectedly on October 1st after suffering an episode on an MBTA ride following a Harvard University and Holy Cross College football game.

Bill began his tenure on Beacon Hill as a Page in 1970. He then started in the Clerk's Office under then Clerk Norman Pidgeon. In 1981, he worked as calendar clerk and rose to the title of Assistant Clerk in 1999. He then served as Senate Clerk for fourteen years, beginning in 2004 and up to his retirement in 2018. Despite his retirement, his love for the Golden Dome was still evident as he continued to work part time for the Senate as a consultant.

Bill was an insightful colleague and a cherished friend to all. His professionalism, intellect, institutional knowledge, and sense of humor will forever be remembered. Rest in peace, Clerk Welch, you are already sorely missed.



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Ryan Babcock

(Office) (804) 730-9600 Ext. 104

(Mobile) (254) 383-4670

Email – [rbabcock@roll-call.com](mailto:rbabcock@roll-call.com)

Tyler Schaeffer

(Office) (804) 730-9600 Ext. 105

(Mobile) (804) 239-5964

Email – [tyler@roll-call.com](mailto:tyler@roll-call.com)

### **Legislative Management System Issue Call:**

Bryan Hogan

(Office) (804) 730-9600 Ext. 107

(Mobile) (804) 380-7864

Email – [bryan@roll-call.com](mailto:bryan@roll-call.com)