

Will Adler is the Senior Technologist in Elections & Democracy at CDT, where he works to ensure that American elections are fair, accessible, and secure. Before joining CDT, Will worked on tech issues in the office of U.S. Senator Elizabeth Warren. He also worked at the Princeton Gerrymandering Project at Princeton University, advancing the causes of redistricting reform and open election data. He has published pieces in numerous peer-reviewed journals and popular press outlets, including the New York Times,

FiveThirtyEight, and Scientific American. Will holds a BA in Psychology from Carleton College and a PhD in Neuroscience from New York University.



Dr. Massimiliano Albanese is an Associate Professor in the Department of Information Sciences and Technology at George Mason University. He serves as the Associate Director of the Center for Secure Information Systems (CSIS), and as the Associate Chair for Research of the Department of Information Sciences and Technology. Dr. Albanese received his Ph.D. degree in Computer Science and Engineering in 2005 from the University of Naples Federico II, and joined George Mason University in 2011 after serving as a Postdoctoral Researcher at the University of Maryland, College Park. His research interests are in the area of Information and Network Security, with particular emphasis on Modeling and Detection of Cyber Attacks, Cyber

Situational Awareness, Network Hardening, Moving Target Defense, Configuration Security, and Vulnerability Metrics. Dr. Albanese has participated in sponsored research projects totaling \$12M, with a personal share of over \$3M. He is the Principal Investigator at George Mason University of a multi-university grant from the National Security Agency that supported the creation and operation of an election security internship program in partnership with the Virginia Department of Elections. Dr. Albanese holds a U.S. Patent and has co-authored a book and over 70 papers in peer-reviewed journals and conference proceedings. Dr. Albanese is one of the three recipients of the 2014 Mason Emerging Researcher/Scholar/Creator Award, one of the most prestigious honors at Mason. Dr. Albanese has served on the technical program committee of numerous conferences and serves as an Associate Editor for the IEEE Internet of Things Journal, Springer International Journal of Information Security, and IET Information Security. He organized the 1st International Workshop on Election Infrastructure Security (EIS 2022), in conjunction with the 27th European Symposium on Research in Computer Security (ESORICS 2022).



Khalif Ali As the Executive Director of Common Cause, PA, and works with the Voting & Elections Manager to develop and execute a civic and political campaign that builds an inclusive and responsive Democracy. Khalif comes to Common Cause with a background in community organizing, leadership development, and advocacy. He has worked closely

with many of the advocacy groups in Pennsylvania through his previous position as Director of Public Policy & Advocacy with the Pittsburgh Foundation and most recently lead the 2020 Pennsylvania Voter Engagement Campaign for the National Urban League. Khalif holds a Masters of Social Work and a Bachelor of Science in Applied Corporate Communications.



Tina Barton is a Senior Election Expert with The Elections Group. She joined The Elections Group with over 32 years of government experience, serving at the federal, county, and local levels. The last 17 years of her career have been focused on election administration. She holds a Master of Arts in Management and Leadership and a Bachelor of Business Administration. Before joining The Elections Group, Tina

was the Senior Program Advisor to the Executive Director at the U.S. Election Assistance Commission. In this role, she hired and oversaw the first-ever Clearinghouse Division team of Senior Election Subject Matter Experts. Over the last year, their division produced nearly 30 resources providing best practices on topics like Chain of Custody and checklists related to the Personal Security of Election Officials. As the City Clerk of Rochester Hills, Tina was appointed by Michigan Secretary of State Jocelyn Benson to the Election Security Commission. The United States Conference of Mayors appointed her to the EAC Board of Advisors. Ms. Barton's office received a 2018 Clearie Award from the EAC for Election Innovation. That same year, Rochester Hills was the first city in Michigan to conduct a Risk Limiting Audit pilot. In 2017, Leadership Oakland selected Tina as the 2017 Leader of Leaders in Public Service. Tina was also the MAMC 2016 City Clerk of the Year. Tina is a Board Member for Crossroads for Youth and Leadership Oakland and a Women of Tomorrow mentor in the Detroit Public Schools. Tina has been married to her husband Mark for nearly 33 years. She is the proud mom of Taylor and Michaela and a doting Grammy to Carter and Madeline. She has two spoiled large and loud fur babies.



Josh Benaloh is the Senior Principal Cryptographer at Microsoft Research and an Affiliate Professor of the Allen School of Computer Science and Engineering at the University of Washington. His 1987 doctoral dissertation "Verifiable Secret-Ballot Elections" introduced the use of homomorphic encryption to enable election verifiability, and he has published and spoken extensively on election technologies and systems. Dr. Benaloh is an author of numerous studies and reports including the 2015 U.S. Vote Foundation report on "The Future of Voting", the 2018 U.S. National Academies of Science, Engineering, and Medicine report "Securing the Vote – Protecting American

Democracy", and a 2022 report on the feasibility of Internet voting by the Goldman School of Public Policy of the University of California at Berkeley. He currently chairs the Coordinating Committee of the Election Verification Network and is the principal designer of Microsoft's free, open-source ElectionGuard toolkit which is being used by numerous vendors to incorporate end-to-end verifiability into their election systems.



Dr. Matt Bernhard's work focuses on making security theory a reality. The most common barriers to implementing better security are a lack of tooling training and resources. Matt's goal is to build security systems and products that are easy to use, provide substantial protection and make users feel secure. Election systems in particular have proven to be a crucible for overcoming barriers and designing systems that satisfy substantial constraints while still providing meaningful security and intuitive user experiences.



Lynn Bernstein is the founder of Transparent Elections North Carolina. TENC's mission is to work with election officials to ensure that elections are transparent, robustly audited, and publicly verified. She educates the public on how to legally and respectfully observe, which has helped increase public confidence in elections. Her degree from the University of Colorado, Boulder in Aerospace Engineering and her experience integrating and testing complex subsystems on satellites taught her to think critically about processes, procedures, and accountability. Her ideas and advocacy has led to

improvements across the state and NC adopted her process to ensure that random audit selections were verifiably random. She is currently focused on understanding ways to create more public verification opportunities and work with others who are interested in national audit standards and credentialing of election auditors.



Dr. Michael Boda has offered advice to national and international institutions on issues relating to election administration, law, and assessment in the public, not-for-profit, and academic sectors for the past three decades. He has focused on leading organizations toward offering effective governance and conducting better electoral events that reinforce democracy locally, nationally, and around the globe. Since 2012, Dr. Boda

has served as Saskatchewan's Chief Electoral Officer, conducting two general elections, eight byelections, and introducing a permanent register of voters. In 2021, he was appointed by the province's Legislative Assembly to a second term in this role. He is currently working with stakeholders to introduce technology at the polls for the first time in the province's history. Dr. Boda has served on the senior staff of the International Foundation for Electoral Systems (IFES), an international non-governmental organization dedicated to facilitating improved election administration worldwide and has been a visiting research fellow at the Brookings Institution and the National Endowment for Democracy. He has provided advisory services internationally on electoral issues, working in several countries, including Jordan, Pakistan, Ghana, Scotland and the United States, with institutions such as the United Nations Development Programme (UNDP), the Organization for Security and Cooperation in Europe (OSCE), the Inter-Parliamentary Union (IPU), and the Carter Center. He holds doctorates from Oxford (Law) and Johns Hopkins (Political Science) universities, has been an Adjunct Professor at Johns Hopkins University, and serves as a Policy Fellow at the Johnson-Shoyama Graduate School of Public Policy at the University of Regina and University of Saskatchewan.



Harvie Branscomb's perspective spans three decades as credentialed election watcher in dozens of Colorado counties and several in Georgia and California. He has advised as SOS appointee on adoption of risk limiting audits as well as the Uniform Voting System and watcher regulations. Harvie is currently one of several experts inventing with Colorado officials a signature verification audit. He is also studying data from the historic three sequential statewide tabulations of Georgia 2020 to learn how to achieve an accurate evidence-based election. Harvie is President of Coloradans for Voting Integrity and presents work on <u>electionquality.com</u>



James Brunet is a contract lecturer with The Chang School at Toronto Metropolitan University, teaching Cybersecurity and Society. He is also a graduate student and performs ethical cybersecurity research at Western University. He has discovered several security vulnerabilities in Canadian online voting providers and is currently working with partners in the private sector and municipal government to perform cybersecurity assessments and

give security recommendations in the wake of the 2022 Ontario municipal elections. From 2019–2021, James developed and delivered cybersecurity training to political candidates and their staff for Canadian federal and provincial elections.



Jack Cable is a hacker who works at the intersection of cybersecurity and public policy, currently a Senior Technical Advisor at the Cybersecurity and Infrastructure Security Agency (CISA). Before CISA, Jack worked as a TechCongress Fellow for the Senate Homeland Security and Governmental Affairs Committee, advising Chairman Gary Peters on cybersecurity policy, including election security and open source software security. He previously

worked as a Security Architect at Krebs Stamos Group. Prior to that, Jack served as an Election Security Technical Advisor at CISA, where he created Crossfeed, a pilot to scan election assets nationwide. Jack is a top bug bounty hacker, having identified over 350 vulnerabilities in hundreds of companies. After placing first in the Hack the Air Force bug bounty challenge, he began working at the Pentagon's Defense Digital Service. Jack holds a bachelor's degree in Computer Science from Stanford University and has published academic research on election security, ransomware, and cloud security.



Ben Chang is a Senior Associate at Democracy Fund, an independent foundation working to ensure that our political system is able to withstand new challenges and deliver on its promise to the American people. As part of the Elections & Voting team, Ben focuses on challenging and weakening authoritarian threats to our democracy.

Ben has worked extensively at the intersections of policy, politics, and law. Prior to joining Democracy Fund in 2022, Ben worked as Voting Rights Advisor with the Brennan Center for Justice and as Of Counsel, Legislative Program with Government Accountability Project. Previously, Ben worked on impeachment matters for Citizens for Responsibility and Ethics in

Washington (CREW). He is also a veteran of numerous political campaigns in the state of Texas. Ben received his B.A. in Government & Politics from the University of Maryland and his J.D. from the University of Texas School of Law.



Dr. Tarun Chaudhary is the International Foundation for Electoral Systems' (IFES) global cyber diplomacy specialist. In his role, Dr. Chaudhary provides expert cybersecurity technical and programmatic advice across IFES' portfolio of activities and to their global constituency of partners. Dr. Chaudhary also concentrates on growing and maturing IFES' thought leadership and research within the space of electoral cybersecurity as part of IFES' Center of Cyber and Information Integrity. Before arriving at IFES, Dr. Chaudhary worked at the U.S. National Nuclear Security Administration (NNSA) within the Department of Energy. He was responsible for federal

cybersecurity oversight of two locations within the U.S. nuclear security enterprise. In this role he performed full spectrum auditing and assessment activities across the breadth of the contractor implemented cybersecurity program spanning national security sties in Tennessee and Texas. In addition, Dr. Chaudhary was a federal authorizing official, a role requiring him to evaluate the risk of operating all electronic information systems across both sites for acceptance on behalf of the U.S. federal government. He also has 15 years of broad defense industry consulting experience having provided expert consulting services to a wide variety of clients including the Office of Net Assessment within the Pentagon, large defense prime contractors and many other foreign and domestic clients while working for Joint Management Services, LLC in Sandy Springs GA and early in his career at IHS Janes Strategic Advisory Services in Alexandria, VA. Dr. Chaudhary has a Ph.D. in International Affairs, Science and Technology from the Georgia Institute of Technology in Atlanta, GA where he also received a MS and a BS. His research focuses on how cybersecurity professionals organize and collaborate to recognize and remediate large-scale problems central to the Internet's continued function. Dr. Chaudhary has been the recipient of a number of scholarships, fellowships and awards including the National Science Foundation Cyber Corps Scholarship for Service, the NNSA Graduate Fellowship and others. He has published work in the Oxford Journal of Cyber Security and co-authored numerous reports for the U.S. Department of Defense. He also maintains a Global Information Assurance Certification (GIAC) as a Global Information Security Professional (GISP).



C Jay Coles is a Senior Policy & Advocacy Associate. Prior to joining Verified Voting, he spent more than a decade as an elections administrator and local government official in both Idaho and Oregon. Since joining the team he has testified before legislatures and connected with local election officials, successfully advocating for accuracy, security, and verifiability in our elections. He has also traveled to several states to work hand-in-hand with election officials to pilot and implement post-election risk-limiting audits. When not in the office, you will likely find C.Jay enjoying the great

outdoors, attempting to perfect his amateur photography skills, or rooting for his favorite college football team (Go Broncos!). C.Jay has a bachelor's degree in Public Administration from Southern New Hampshire University and also holds a Master's of Public Administration from Eastern Kentucky University.



Genya Coulter is the Senior Director Of Stakeholder Relations and Social Media, and Senior Election Analyst at the OSET Institute. In addition to her work for OSET, Genya appears regularly on the Dead Men Don't Vote podcast, and serves as editor in chief of the quarterly election technology magazine, The Tabulator. Genya's writing has appeared in the Washington Post, AZ Central, and Elections Daily, and she is the creator of online cultural touchstone #ElectionTwitter. She recently joined the Canadian Strategy Council in an advisory capacity for their Voting Tabulator and Electronic

Pollbook Technical Standards Committee. Prior to joining OSET, Genya worked as a trainer for poll workers in Polk County, Florida, as well as a precinct clerk and Early Voting site manager for 28 voting periods over six years, managing over 30,000 voters and troubleshooting a variety of voting system issues. Genya is a proud member of EVN, and has fond memories of moderating her first panel at last year's conference



Matt Crane is an election subject matter expert committed to using his 22 years of election administration experience to assist the election community with improving operational and security processes to help build trust and confidence in American elections. Matt currently serves as the Executive Director of the Colorado County Clerks Association, a not for profit 501 c (6) professional association that comprises 63 elected county clerk and recorders. As Executive Director, Matt oversees the day-to-day operations of the association, which include helping set the legislative agenda, managing contractors, press management and communications, creating and

maintaining the annual budget, managing two annual conferences, and mentoring association members. Matt also serves as an election security expert consultant for the Lafayette Group, Inc (LGI). He supports the Cybersecurity Infrastructure and Security Agency's (CISA) Election Security Initiative (ESI) by working to foster a stronger partnership between CISA and the election stakeholder community, including states, local jurisdictions, election technology providers, and

political parties. This includes building awareness of security risks, creating products and exercises to help mitigate those risks, and working to create a landscape where information sharing about risks and best practices between entities in the community is prioritized. Before serving in these roles, Matt served as an election official in Colorado for 19 years at both the state and county level. From 2013 through 2018, he served as the Clerk and Recorder for Arapahoe County, CO. While serving as Clerk, Matt worked collaboratively with all political parties and government and industry stakeholders to improve the transparency and trust in the election process. This work included a much stronger focus on election security and information sharing among stakeholders to help improve trust and combat disinformation in the county. Under Matt's leadership, Arapahoe County became a recognized leader in election administration, providing citizens with innovative tools to create better access to the ballot and to provide better information about the election process. Matt was also a statewide leader, serving as President of the Colorado County Clerks Association in 2016 and as the Legislative Co-chair for the Colorado County Clerks Association from 2015 through 2018. Matt has also worked with the federal Election Assistance Commission to help create national best practices for conducting in-person voting. Matt is a nationally certified election administrator (CERA) through the Election Center and Auburn University, as well as a Colorado Certified Election Administrator



Braden Crimmins is a graduate student at the University of Michigan, where he studies the security of election systems. His research includes end to end verification strategies for vote by mail elections, improved methods of logic and accuracy testing, and privacy vulnerabilities in deployed voting systems. He has served as a poll worker and absent voter counting board member in several Michigan elections over the past 8 years.



Jeff Danovich has led a life of service to others. From his early days as a Program Staff member at the Boys' and Girls' Club of Delaware, to his current work in Elections, Jeff has dedicated his career to making the lives of those around him better. Mr. Danovich joined the United States Army on September 10, 2001 (one day before the 9/11 Terror attacks). His primary duty was Civil Affairs Specialist. While serving his country, he truly lived up to the Civil Affairs' "Warrior Diplomat" moniker. He and his teammates

worked alongside the State Department, NGO's, and indigenous populations to improve the quality of life in areas that have been adversely affected by years of neglect and war. During his tour in Iraq in 2004, Danovich's commanders assigned him the additional duty of Battalion Voting Assistance Officer (VAO). Little did he know at the time, this would lead him into a fulfilling career in Elections. His work in elections at the local, state, and Federal levels has allowed countless citizens to express themselves to express themselves at the ballot box. He is considered to be a Subject Matter Expert in Election Administration and he currently works to combat misinformation and disinformation in the election space and has been recently been named as the Assistant Director of Elections and Voter Registration in McDuffie County, Georgia. Jeff is a native of the Philadelphia area and currently resides in Atlanta, GA. In his

free time, Jeff enjoys discovering new music, cooking, exercising, and spending time with his loved ones. He is also a Kentucky Colonel, Co-Chair of the Atlanta Chapter of George Washington University Alumni Chapter, member of the Election Verification Network, and a certified International Election Observer (through OSCE/ODIHR). In spite of everything he has accomplished so far, his proudest achievement is being a dad to his sixteen-year-old daughter and his fourteen-year-old son.



Dana DeBeauvoir brings unparalleled experience and expertise to the OSET Institute Board, having spent 36 years as the elected County Clerk for Travis County, Texas. There, she oversaw elections for local, state and national office for 1.3 million voters and 147 cities and towns, including Austin. In that capacity, she earned accolades from peers, the industry and opponents alike for bringing innovation to the election

process and maintaining a staunch commitment to ethical elections. Ms. DeBeauvoir won several state and national awards for her forward-thinking ideas on election administration and is recognized as a national leader in election administration and security. Ms. DeBeauvoir started and led a group of experts in the development of <u>STARVote</u>, a new design for a voting system based on a paper trail, a form of a verification receipt for voters, with third party verification of election results. Several design concepts of STARVote are now found in today's voting system security elements. Dana also served with the International Foundation for Electoral Systems (IFES) as a consultant preparing for elections in Bangladesh, Sarajevo, Bosnia, Pristina, Kosovo and served as a United Nations Elections Observer at the 1994 election in South Africa.



Veronica Degraffenreid is the Senior Manager of Strategic Partnerships at the Brennan Center for Justice, and formerly served as the Acting Secretary of the Pennsylvania Commonwealth. Previously, Degraffenreid served as Director of Election Operations for the North Carolina State Board of Elections where, for six years, she managed a team of election technology and election program specialists responsible for providing training, support and administrative oversight to North Carolina's 100 county boards of elections. The program areas under her supervision included voter registration, voting processes, precinct and voting site administration, election event

administration and voting systems. She led efforts to modernize North Carolina's aging statewide voter registration and election management system and developed the state's first voting systems certification program. Prior to joining the North Carolina State Board of Elections, Degraffenreid was a Special Litigation Legal Assistant with the North Carolina Department of Justice for nearly 10 years, specializing in redistricting and election-related litigation.



Samuel Derheimer is a nationally recognized expert in election technology and election policy, with a focus on the security and accessibility of voting systems. He has conducted innovative research geared toward evaluating and improving state election procedures and has presented that research to state legislative chambers and policy summits across the nation. He currently serves as the Director of Government Affairs for Hart InterCivic, a leading provider of election technology in the United States. In his role at Hart,

Derheimer regularly briefs state and federal legislators on key issues of election security, and serves on the executive committee of the Dept. of Homeland Security's Election Infrastructure Sector Coordinating Council (EI-SCC).



Corrie Emerson is Verified Voting's Senior Communications Officer. She is responsible for telling Verified Voting's story to the public and integrating Verified Voting's mission, values, and goals into a comprehensive communications strategy. Corrie has several years of experience in public relations, message development, strategic communications, and government affairs. In her previous role as Public Affairs Manager for Montgomery County, PA, Corrie managed the flow of information from the three elected county commissioners to the county's 820,000 residents. She also created the

communications plan and managed the rollout of Montgomery County's transition from DREs to a voter-verified paper ballot system in May 2019. Previously, Corrie was the staff coordinator at Shorr Johnson Magnus Strategic Media in Philadelphia, PA, a nationally-recognized media consulting firm. Corrie is a graduate of Temple University with a B.B.A. in Economics and Political Science.



Aleksander Essex is an associate professor of software engineering at Western University, Canada. His research specializes in cybersecurity and cryptography with a focus on the cyber risks of online voting. He is currently participating in the Swiss Federal Chancellery's e-Voting expert examination, and Elections Ontario's Advisory Committee on Standards for Voting Technologies.



Sean Flaherty is chair of Iowans for Voting Integrity, a nonpartisan grassroots group that works for voting systems worthy of the public trust. He has worked in election verification advocacy since 2006 at the state and national levels, collaborating with other advocates, technologists, election officials, and policymakers to advance the cause of verified elections.



Aquene Freechild co-directs Public Citizen's work building a broad movement to get money out of politics and ensure that everyone's vote counts. She also leads Public Citizen's advocacy work on election security and holding voting system vendors accountable for ensuring machines are safe from hackers. She co-founded the Secure Our Vote coalition, which works on the state and local level t encourage election officials to secure the vote and allow for recovery should a computer error or hack occur. She's led successful campaigns to fight big money in politics in the District of Columbia, Illinois, New Jersey, Vermont and Washington state.



Sarah Goff is the Deputy Director of Common Cause, NY. She joined the New York team in May 2018. She's worked for a broad range of New York City policy and advocacy organizations in the last decade. She has her MS in Public Policy from The New School.



Susannah Goodman is Common Cause's Director of Election Security. She works with national staff and Common Cause state offices to press for reforms that repair and strengthen our voting systems at both the state and federal level. She has testified before Congressional committees, appeared on national news television programs, and co- authored a number of reports on elections and voting including Malfunction and Malfeasance: A Report on the Electronic Voting Machine Debacle, Voting at Risk 2008, Is America Ready

to Vote? State Preparations for Voting Machine Problems in 2008, Voting in 2010: Ten Swing States, and Counting Votes 2012: A State by State Guide to Election Preparedness. Ms. Goodman joined Common Cause in 2004 after more than 15 years of advocacy and organizing experience. She is a graduate of Wesleyan University.



Grace Gordon is the Senior Policy Analyst for the Bipartisan Policy Center's Elections Project. Prior to joining BPC, she was a program management consultant for the California Voter Foundation and for the Elections & Voting Information Center at Reed College. In May 2021, Gordon graduated from the University of California, Berkeley with her Master of Development Practice. She wrote her capstone thesis, "Documenting and Addressing Harassment of Election Officials," on the threats and harassment experienced by state and local election officials resulting from the 2020 election. Her report was

published by the California Voter Foundation. Prior to graduate school, Gordon worked in education and career development. She received her B.A. in English and B.A. in Mathematics from the University of California, Davis.



Kelly Goss Sechrist is the Director of Development and Communications at Ranked Choice Voting.

Kelly has worked in nonprofits for many years. She has served in some capacity as a volunteer, board member, or development staff member for over twentyeight years after teaching middle schoolers in Southern Appalachia. In addition to a BS in education from Appalachian State University, she holds a certificate in nonprofit management from Duke University. While new to election

administration, she is not new to elections. Kelly served on several local and state election campaigns as a volunteer, including state senate campaigns in 2006, 2008, and 2010 where she served as the assistant campaign manager and public relations liaison. Kelly has spent the past three years learning about RCV reform and election administration. She oversees fundraising, development, and communications for RCVRC and co-produces the RCV Clips podcast with Chris Hughes & Melissa Hall. Kelly lives with her family on the coast of North Carolina.



Jill Greene is the Voting and Elections Manager for Common Cause PA, where she works to ensure that every Pennsylvania voter is able to cast their ballot securely and without obstruction. She manages the Pennsylvania Election Protection poll monitor program as well as directing Common Cause PA's voting and elections program. Jill previously served as county coordinator for Common Cause PA and as executive director of the League of Women

Voters of Pennsylvania and has a background in local government.



Barbara Guttman is the Manager of the Software Quality Group in NIST's Information Technology Lab (ITL) and is the NIST lead for two programs: Voting and Digital Forensics. The NIST Voting Program provides technical expertise for the Voluntary Voting Systems Guidelines as well as conducting research to support future standardization and testing efforts. For Digital Forensics, her group runs the National Software Reference Library www.nsrl.nist.gov and the Computer Forensics Tool Testing Project www.cftt.nist.gov. She also oversees research in software assurance: the

Software Assurance Metrics and Tool Evaluation (SAMATE) project, the Static Analysis Tool Exposition, the SAMATE Reference Data Set, and the Bugs Framework.



Jenny Guzman is the Program Director for Common Cause Arizona. Born and raised in rural Yuma Arizona, Guzman leverages six years of experience in policy, political advocacy, and bilingual communications, giving her the expertise to support the organization's legislative work. The core of her work has centralized on the fight for socioeconomic equity, having executed successful campaigns for voting rights, state ballot

measures, reproductive freedom, LGBTQ+ rights, and protecting public education.



Eddie Hailes is an experienced civil rights attorney and an ordained Baptist minister. He is Managing Director/General Counsel for Advancement Project and a former General Counsel for the U.S. Commission on Civil Rights, where he led the investigation into voting irregularities during the November 2000 presidential election. He advises and participates in election reform and voter protection efforts, federal legislative advocacy, and voting rights litigation. He served as a member of the EVN Coordinating Committee for 7 years.



J. Alex Halderman is Professor of Computer Science & Engineering and Director of the Center for Computer Security & Society at the University of Michigan. His research spans security and privacy, with an emphasis on problems that broadly impact society and public policy, and his work has been recognized with eight best paper awards. Prof. Halderman has performed numerous security evaluations of real-world voting systems, both in the U.S.

and abroad. He has twice testified before Congress and serves as co-chair of the State of Michigan's Election Security Advisory Commission. In 2019, he was named an Andrew Carnegie Fellow in support of his efforts to strengthen the technological foundations of American democracy, and in 2020 he received the University of Michigan President's Award for National and State Leadership.



Aaron Hayman Aaron Hayman is the founder of SocialScout, a company focused exclusively on providing resources to those entities in the election community who are facing harassment, intimidation, threats of violence, and disruptions to the election process. Aaron has twelve year's experience identifying, analyzing, and helping to develop strategies to mitigate threats. Prior to launching SocialScout, he helped lead Logically's election business during the 2022 midterms. From 2020-2022 he led the Colorado

Secretary of State's counter mis/disinformation initiatives during the 2020 presidential election. Before joining the election community, Aaron spent nearly a decade as an analyst in the intelligence community working on a range of national security threats facing the United States.



Elaine Headley has served EVN since 2008. She is the co-owner of Stela Parties and Events, a professional event planning company based in Rhode Island. She brings a 40-year background as an administrative associate as well as her expertise in event planning to each and every client. Elaine volunteers with the Westerly Land Trust and enjoys gardening, boating, cooking and spending time with family.



Thomas Hicks was nominated by President Barack H. Obama and confirmed by unanimous consent of the United States Senate on December 16, 2014 to serve on the U.S. Election Assistance Commission (EAC). Mr. Hicks currently serves as Chairman of the EAC and Designated Federal Officer (DFO) of the Technical Guidelines Development Committee (TGDC). Commissioner Hicks has focused his efforts on voter access. Under his leadership, the EAC developed a pocket-sized voter card that serves as a guide on voting rights for voters with disabilities. The card is

provided in both Braille and large print. The EAC has worked with advocacy groups and election officials to distribute the card. In addition, Mr. Hicks has addressed the difficulties overseas voters have when requesting and returning their ballots, such as dealing with foreign IP addresses and issues with timely ballot delivery. He worked with key states to set up a help desk. Now, overseas voters receive an email response directing them to the help desk to obtain their ballots. Mr. Hicks is a frequent speaker at conferences in the United States and overseas on issues such as voter access and cybersecurity. Prior to his appointment with EAC, Commissioner Hicks served as a senior elections counsel and minority elections counsel on the U.S. House of Representatives Committee on House Administration, a position he held from 2003 to 2014. In this role, Mr. Hicks was responsible for issues relating to campaign finance, election reform, contested elections and oversight of both the U.S. Election Assistance Commission and the Federal Election Commission. His primary responsibility was advising and providing guidance to the committee members and caucus on election issues. Mr. Hicks has talked with Americans in every state about their voting experiences. In addition, he has worked with state and local election officials across America to address critical election concerns. Prior to joining the U.S. House of Representatives, Mr. Hicks served as a senior lobbyist and policy analyst from 2001 to 2003 for Common Cause, a nonpartisan, nonprofit organization that empowers citizens to make their voices heard in the political process and to hold their elected leaders accountable to the public interest. Mr. Hicks has enjoyed working with state and local election officials, civil rights organizations and all other stakeholders to improve the voting process. Mr. Hicks served from 1993 to 2001 in the Clinton administration as a special assistant and legislative assistant in the Office of Congressional Relations for the Office of Personnel Management. He served as agency liaison to the United State Congress and the president's administration on matters regarding federal personnel policies and regulations. Mr. Hicks received his J.D. from the Catholic University of America, Columbus School of Law and his B.A. in Government from Clark University (Worcester, MA). He also studied at the University of London (London, England) and law at the University of Adelaide (Adelaide, Australia).



Liz Howard serves as senior counsel for the Brennan Center's Democracy Program. Her work focuses on election security. Howard regularly comments for television, radio, and print media on issues relating to election security and election administration and has testified before U.S. House Committee on Homeland Security and in a variety of state legislatures. She has also co-authored multiple Brennan Center reports and white papers: *Better Safe Than Sorry (2018), Defending Elections: Federal Funding Needs for State Election Security (2019), Trump-Russia*

Investigations: A Guide Preparing for Cyberattacks and Technical Failures: A Guide for Election Officials (2019).



Chris Hughes is the Director of Policy and General Counsel for the Ranked Choice Voting Resource Center. He has contributed to RCV legislation and regulation in more than twenty states, including laws passed in Maine, Utah, and Virginia, and assisted with ranked-choice voting implementations in dozens of jurisdictions, from Newton, Utah (population: 780) to New York City. Chris also co-produces the RCVRC's podcast, RCV Clips. Chris is admitted to practice law in the State of New York.



Liz Iacobucci is the new Election Security Program Manager for Common Cause, joining Susannah Goodman and John Marion on the Common Cause Election Security team. She previously served as a communications strategist supporting the Election Security team as well as Common Cause offices in Pennsylvania, Georgia, Florida, and other states.



Christina Iacono is a lifelong Pennsylvanian and served in county election administration during the Covid pandemic. She is Currently serving on the PA Election Law Advisory Board, is a USDR volunteer and is active with the League of Women Voters and Citizens for Better Elections.



Mia Ives-Rublee is the director for the Disability Justice Initiative at Center for American Progress. Prior to coming to American Progress, she advocated for disability justice and inclusion at nonprofit organizations and businesses across the United States. She has worked with Women's March, Families Belong Together, DC Action Lab, Adoptees for Justice, Fair Fight, People's Collective for Justice and Liberation, and numerous other progressive organizations. Best known for founding the Women's March Disability Caucus, Ives-Rublee helped organize the original Women's March on Washington in 2017. The Women's March was one of the first large-scale events to have certified deaf interpreters on stage. Ives-Rublee's work pushed for better access to disability accommodations at progressive

events and more policy platforms inclusive of the disability community. Ives-Rublee worked on several political campaigns during the 2020 cycle, including the Elizabeth Warren Campaign for President, Down Home NC, the Asian American Advocacy Fund, and the Georgia Disability Vote Partnership. She previously served as a vocational counselor at the North Carolina Division of Vocational Rehabilitation Services and researched alternative mental health diversion programs at UNC Chapel Hill in 2015. Ives-Rublee holds a bachelor's degree in sociology from the University of Illinois at Urbana-Champaign and a master's degree in social work from UNC Chapel Hill.



Shawn Janzen is a Graduate Research Fellow at the Applied Research Laboratory for Intelligence and Security and an instructor in the College of Information Studies at the University of Maryland. His research interests include how individuals and organizations create, choose to share, and adopt information that becomes part of institutional knowledge, engagement, and administration. He focuses these interests on issues related to disruptive and emerging technologies, sociotechnical cybersecurity, information behavior, ethics, networks, and public policy. His most recent research focused on risk decision-making by cybersecurity managers within critical infrastructure

organizations and expanding novel methods for cognitive security and information harms. He has extensive experience working on international issues and advising nonprofit boards. He expects to complete his PhD from the University of Maryland in 2023 and holds a MPP from American University and MPA from DePaul University.



Michelle Kanter Cohen serves as Policy Director and Senior Counsel with Fair Elections Center, a nonpartisan nonprofit voting rights organization based in Washington, DC. Prior to joining the Center in 2017, Ms. Kanter Cohen spent five years at Project Vote as a litigator and advocate for voting rights, focusing on the areas of voter registration and election administration. Ms. Kanter Cohen earned her J.D., magna cum laude, from Boston College Law School, and a B.A., cum

laude, in Political Science from Yale University. In her personal capacity she has also served as a member of the Montgomery County (Maryland) Voting Rights Task Force and is currently a member of the American Bar Association's Standing Committee on Election Law.



Douglas A. Kellner has served as Co-Chair of the New York State Board of Elections since 2005. He is also the New York State representative on the U.S. Election Assistance Commission Standards Board and serves on the Advisory Board of the Verified Voting Foundation. Before assuming his responsibilities at the State Board of Elections, he served as commissioner of the New York City Board of Elections. He is an experienced election lawyer having served as the Co-Chair of the Law Committee of the New York Democratic Committee from 1982 to 1993 and as the Chairman of the

Election Law Committee of the New York County Lawyers Association. When he was first appointed to the New York City Board, Commissioner Kellner was the very first election official to call for a voter verifiable paper audit trail for electronic voting machines, a principle now enshrined not only in New York law, but in the election codes of a majority of the states throughout the nation. While leading the opposition to unverifiable electronic machines, Commissioner Kellner was instrumental in promoting new technology for scanning absentee and provisional ballots. He drafted model procedures to open the process of canvassing ballots to public scrutiny and convinced his fellow commissioners to adopt rules that provided meaningful due process in ballot challenges. He drafted New York's regulation that requires county board to staff polls so that no voter waits more than thirty minutes to cast a ballot. He has been an outspoken advocate for improving the voting process in New York while insisting on transparency, verifiability and uniformity in voting procedures Doug is a partner in the law firm, Kellner Herlihy Getty & Friedman LLP, where he specializes in complex international asset recovery litigation. He is the Chair of the North America Region of FraudNet, an organization of experts formed by the International Chamber of Commerce to assist in fraud recovery and tracing of assets.



Neal Kelley is the retired Registrar of Voters for Orange County, California, the fifth largest voting jurisdiction in the United States, serving more than 1.9 million registered voters. Kelley served as the Registrar of Voters from 2005 through 2022 and led the office through the largest cycle of elections since Orange County was founded in 1889. Prior to joining Orange County, Kelley developed and grew several companies of his own, employing hundreds of people from 1989 to 2004, and served as a police officer in Southern California during the mid 1980's. He has been the recipient of numerous state and national awards for election administration and is a past recipient of the "Public Official of the Year" award by the National Association of County Recorders, Election Officials and Clerks

(iGO). Kelley was named as one of "OC's 100 Most Influential" individuals by the Orange County Register in 2016, 2019, 2020 and 2021. In addition to serving on numerous federal and state committees and serving as president of election administration's state and national associations, Kelley is a former appointee and founding member of the U.S. Department of Homeland Security Election Security Task Force (Government Coordinating Council (GCC), where he helped to oversee the protection of the nation's election infrastructure. Although officially retired, he recently served in a supporting role for the 2022 elections in the State of Hawaii, teaches election management for the University of Minnesota, and is the Chairman of the Committee for Safe and Secure Elections (CSSE), a bi-partisan group of current and former election officials and law

enforcement focused on election security. Kelley earned a Bachelor of Science degree in business and management from the University of Redlands and an M.B.A. from the University of Southern California.



. **Ryan Kirby** is the Public Policy Specialist for the Ranked Choice Voting Resource Center. He supports the Policy Director and administers the organization's internship program. Ryan previously served as the Chief of Staff for State Senator Cheryl Kagan in the Maryland Senate, where, among a multitude of issues, he supported the Senator's election legislation.



Joseph Kirk is an election administrator with a history of conducting secure and transparent elections. He worked at the state and local level in multiple jurisdictions before accepting his current position as the Election Supervisor of Bartow County, Georgia in 2007. In 2019 he was the only official in the state to pilot both the new BMD voting system as well as risk limiting audits and continues to lead the state in post-election activities. Joseph serves on multiple advisory boards

including the Bipartisan Policy Center's Election Task Force and the Advisory Board for the Election Official Legal Defense Network. He also works with notable organizations such as Verified Voting, the Brennan Center for Justice, and other organizations that focus on improving election administration and the voting experience. He holds leadership positions for the Georgia Voter Registrar and Election Official Association, was awarded the Ann Hicks award by that organization for outstanding achievements in Election Administration in 2019, and the "Most Likely to Audit an Election Award" by the Georgia Secretary of State's Office in 2023. In addition to his work in election administration, Joseph has worked as a mechanic, contractor, HVAC installer, and musician. In his free time, he enjoys carving, metal work, and spending time with his cat, Dude.



Lisa Koteen Gerchick, joined the League of Women Voters in 2018 at the urging of a member of EVN, to advocate for amendment to the state's post-election audit law (risk-limiting audits are now codified). She has served in several capacities at the local and state level, including leading (with two others) the study updating the LWV-VA election laws position and co-leading the state League's group that develops advocacy on voting and elections issues. A longtime election observer, she served as an officer of elections in Fauquier County in 2019 and 2022. The State Board of Elections appointed her chair of its Advisory Review Workgroup, a public advisory body that in January 2023 submitted its report on benchmarks to measure a well-run election in Virginia. In January 2023, the Circuit Court appointed her to the Fauquier County Electoral Board.



Dr. Raja Kushalnagar is a Professor and Director of the Information Technology undergraduate program and Accessible Human-Centered Computing graduate program at Gallaudet University in Washington, DC. With over fifteen years of experience in the accessible technology field and his own experiences as a deaf individual, Raja brings a wealth of lived experience and research to the field. He focuses on strategic planning, local industry, alumni relations, and faculty support. Raja has a Ph.D. in Computer Science and Master of Laws (LLM) in Intellectual Property and

Information Law from the University of Houston in 2010 and Juris Doctor (JD) from Texas Southern University in 2008. As a Deaf professor, he brings consumers, industry, and policymakers together on accessibility issues with focus on a deaf/hard of hearing perspectives and evidence-based research. In the accessible computing field, he investigates information and communication access disparities between hearing and deaf. and advocates for laws and regulations to incorporate accessible computing advances such as automatic captioning/subtitling. He has mentored over 100 undergraduates, including over 60 who are deaf or hard of hearing. He has received over \$4 million in grants and has published nearly 100 articles. Raja focuses on increasing the numbers of people with disabilities in the computing pipeline through community involvement. He serves on the NSF-funded AccessComputing Research Association Widening Participation (CRA-WP) and Global Alliance of Speech-to-Text Captioning.



Carl Landwehr is a Visiting Professor in the Electrical and Computer Engineering department at the University of Michigan, teaching "Cybersecurity for Future Leaders." He also supports cybersecurityrelated research programs at NSF and DARPA, and he is a member of the Board of Directors of the Center for Democracy and Technology. He has served as an election official in Virginia and a poll challenger in

Michigan. While serving at NSF in 2005, he helped establish the ACCURATE center to study and develop trustworthy election technology under the CyberTrust program.



Chrissa LaPorte is Verified Voting's Senior Policy & Technical Associate. She works with state and local officials to pilot and implement rigorous post-election audits. She also brings more than 10 years of nonprofit experience to her role at Verified Voting. For many years, she oversaw the policy initiatives of the French-American Foundation, an organization dedicated to promoting French-American relations. She holds a bachelor's degree from Brown University and is a graduate of Columbia University's School of International and Public Affairs with a

master's degree in International Economic Policy.



Sharon Laskowski is a computer scientist and Deputy Division Chief of the Information Access Division/Information Technology Laboratory at the National Institute of Standards and Technology. Since 2002, Sharon has been leading the effort at NIST to develop the human factors, usability, and accessibility standards and test methods for US voting systems, working closely with the Election Assistance Commission. She is collaborating with election officials, vendors, and researchers to further develop requirements and test methods for the next generation of voting systems. Prior to her current position, she created and was the manager of NIST's Visualization and Usability Group for 22 years. She received her PhD in computer science from Yale University.



Marissa Leibling serves as State Voices' Director of Policy, where she works to advance equitable access to voting and fair representation. She partners with state affiliates, called Tables, as well as national organizations, on a variety of issues and campaigns including voting rights, election administration, redistricting, census, and other democracy and social justice issues. Prior to joining State Voices, Marissa led the federal and state policy work at a national voting rights organization. Marissa also has extensive experience at the state level, where she led a coalition of organizations that successfully fought for affirmative voting rights reforms. She began her career working on state and federal civil rights litigation. Marissa earned her

J.D. from the Northwestern University School of Law and her undergraduate degree from The George Washington University.



David Levine is an Elections Integrity Fellow at the German Marshall Fund's Alliance for Securing Democracy, where he assesses vulnerabilities in electoral infrastructure, administration and policies. Previously, he worked as the Ada County, Idaho Elections Director, managing the administration of all federal, state, county and local district elections. David is also an advisory committee member for the Global Cyber Alliance's Cybersecurity Toolkit for Elections, an advisory council member for The Election Reformers Network, and a contributor to the Fulcrum. He received his JD from the Case Western School of Law, where he discovered his passion for election integrity. Since then, he has administered elections,

worked with advocacy groups to improve the election process, and observed elections overseas in a number of countries for the Organization for Security and Cooperation in Europe. David's research interests and recent publications focus on election access, trust and security, and the nexus between external threats from malign actors and the challenges many democracies face in conducting free and fair elections. David's work has been published and quoted in the USA Today, New York Times, Washington Post, NPR, Bloomberg Technology, The Hill, Business Insider, MIT Technology Review, BBC, EU Observer and others.



Nick Lima has served as Registrar and Director of Elections for the City of Cranston, Rhode Island's second largest city, since January 2017, and has been the city's chief elections administrator for eight statewide elections. He has successfully lobbied state election agencies for increased grant funding for election administration and improved cybersecurity at the municipal level, and worked with and participated on task forces related to elections cybersecurity with state elections offices and representatives from the R.I. National Guard, R.I. State Police, and CISA, among other agencies. He coordinated the city's 2020 Census Complete Count Committee, and was the 2021-2022 redistricting coordinator for the city. Lima is a member of the R.I. Town and City Clerks' Association and

chair of its Elections Committee. He is a current member of R.I.'s State and Local Cybersecurity Grant Planning Committee. He served on the R.I. Secretary of State's 2018 Elections Cybersecurity Planning Task Group, 2018 HAVA Task Force, the RFP review and design committee for the 2019 overhaul of the R.I. Central Voter Registration System, 2020 HAVA Task Force, 2020 COVID-19 Elections Task Force; and the R.I. Board of Elections 2019-2020 Risk-Limiting Audit Pilot work group. He is a member of the MS/EI-ISAC, and is a current member of the federal Election Assistance Commission's Local Leadership Council as well as the EAC's Standards Board. He is also a participant in the Election Verification Network, and a member of the Bipartisan Policy Center's Task Force on Elections. He was recently appointed as a member of the R.I. Senate Special Commission to Study Non-Plurality Voting Methods and Runoff Elections, and to the Advisory Board for the University of Minnesota Humphrey School's Certificate in Election Administration Program. A U.S. Army veteran, and a graduate of R.I. College with a bachelor's degree in communications, Lima is a lifelong Rhode Islander who was previously a baseball broadcaster for the Newport Gulls of the New England Collegiate Baseball League. He resides in Coventry, R.I., where he serves on the Coventry Fire District Board of Directors. His wife, Hillary, works in marketing and currently serves as Coventry's Town Council President.



Mark Lindeman is Policy & Strategy Director at Verified Voting and has been working to make elections more secure and verifiable since the aughts. Widely known and respected in the elections community, Mark worked on risk-limiting audits (RLAs) before they had a name and advises legislators, election officials, and other decision makers on audit methods. Mark has helped with RLA rulemaking and implementation in Georgia, Pennsylvania, California, Colorado, Rhode Island, and other states. He has co-authored several papers on RLAs including "A Gentle Introduction to Risk-Limiting

Audits" and served as executive editor on the white paper "Risk-Limiting Audits: Why and How." Mark has also served on the Coordinating Committee of the Election Verification Network since 2010. Mark has a Ph.D. in political science from Columbia University. He has frequently taught undergraduate and graduate courses in quantitative methods, public opinion, and various topics in American politics. He serves on the boards of several nonprofit organizations including Hudsonia, an environmental research institute, and Rising Hope, a prison education program. In his free time, he is a choral singer and hiker.



Ryan Macias is a SME - Election Security Consultant to the Cybersecurity and Infrastructure Security Agency (CISA) where he develops strategies and products for state, local, tribal, and territorial (SLTT) governments and private sector partners to mitigate risk to critical infrastructure. For 16+ years Ryan has provided subject matter expertise in election technology, security, and administration to election officials across the U.S. and election management bodies abroad. Ryan has advised 1,000s of election stakeholders on methods to build resiliency in the election infrastructure. Additionally, during the 2020 election, Ryan

worked to ensure that accuracy, reliability, and security, was enabled by supporting election infrastructure owners and operators in developing evidence-based elections. From 2016-2019, Ryan worked for the U.S. Election Assistance Commission (EAC), most recently as the Acting Director of the Voting Systems Testing and Certification Program. He also spent more than 10 years with the California Secretary of State developing and implementing legislation, policies, and procedures on election technology and security.



Martha Mahoney is a professor of law and Dean's Distinguished Scholar at the University of Miami. For years, she worked with the Miami-Dade Election Reform Coalition on issues of election technology, election records, language equality, and other issues of equality in election administration. Some of that work is covered in her 2008 article, "Democracy Begins at Home"-- Notes from the Grassroots on Inequality, Voters, and Lawyers. Her current project focuses on ballot marking devices in examining the under-regulation of technology and the uneven application of existing rules. Her published work also covers class theory

and race, urban development, and the intersection of domestic violence and self-defense.



Audrey Malagon, Ph.D. is Professor and Chair of the Mathematics Department at Virginia Wesleyan University. From 2018-2022 she served as mathematical advisor to Verified Voting where she combined her technical expertise and administrative capabilities to advance initiatives with state and national program teams. She was the Virginia lead for strategy and implementation of education and advocacy efforts, including the passage of the first pre-certification risk-limiting audit legislation in Virginia. She worked with the national team on strategic planning, education and outreach, and was part of the team that designed

and executed the inaugural Audit Road Show to reach election officials through their professional organizations. She has attended and led risk-limiting audit trainings for election officials. As a subject matter expert in mathematical audits, she authored educational materials and website content for Verified Voting. Dr. Malagon regularly speaks to a variety of academic and public audiences about elections and technology and has been quoted in Bloomberg Businessweek, Stateline, and Slate Future Tense. In 2020 she organized a special session at the Joint Mathematics Meetings of the American Mathematical Society and the Mathematical Association of America to

bring awareness of the role mathematics plays in election security to the broader mathematical community. In addition to her work in election security, Dr. Malagon has served on boards of charitable and educational foundations. As a member of the advisory board of the SIMIODE organization, she was instrumental in securing an approximately \$450,000 National Science Foundation grant for a program that trained faculty across the country under her leadership. She currently chairs the Council on Teaching and Learning for the Mathematical Association of America which advises on policy and sets guidelines and recommendations on undergraduate mathematics for the organization's 7,000+ professional members. She guided an organizational restructuring of the council for better efficiency and coordination among its nearly 100 volunteers and full-time staff. Audrey holds a Ph.D. in mathematics from Emory University.



John Marion is executive director of Common Cause Rhode Island, having joined the organization in 2008. His responsibilities include serving as the organization's chief legislative advocate and spokesperson in Rhode Island. During his time with Common Cause Rhode Island John has helped lead successful legislative campaigns to reform Rhode Island's campaign finance disclosure laws, amend the Rhode Island Constitution to restore the Ethics Commission's jurisdiction over the General Assembly, require risk-limiting post-election audits, and expand access to the ballot for eligible voters, among others. John holds an undergraduate degree from Binghamton University and graduate degrees from Indiana

University and Roger Williams University.



Neal McBurnett has been a pioneer in election integrity since 2002. Using his open source ElectionAudits software, Boulder did the first Risk-Limiting Audit outside of California in 2010. He consulted on the Colorado Risk-Limiting Audit Project which did a noted ballot-level RLA in 2013. He was on the teams at Free & Fair and Democracy Works which wrote the open-source Colorado RLA software, which has facilitated Colorado's regular, robust state-wide RLAs since 2017. He also audited the end-to-end verifiable 2011 Scantegrity II election in Takoma Park,

MD. He helped initiate the election data format standardization efforts in the IEEE and remains active in several current EAC/NIST VVSG working groups. Neal serves on the board of Verified Voting and is also active with the League of Women Voters and the Center for Election Science promoting Proportional Representation, Approval Voting, and related voting method reforms.



John McCarthy has volunteered with Verified Voting since 2004. He helped develop Verified Voting's Election Incident Reporting System and Verifier database of election equipment. John has helped organize work on election auditing since 2007, including statewide risk-limiting vote tabulation audits in Colorado and Rhode Island. He is currently helping refine proposed legislation in Arizona to make ballot images publicly available and to check ballot images against their corresponding paper ballots. John also assisted in developing national standards on ballot definition, election results reporting, and cast vote records. He served on NIST-EAC election process modeling, cyber-security and inoperability working groups. John has Ph.D. in American History from Yale, and

taught there for 6 years. He worked as a Computer scientist at Lawrence Berkeley National Laboratory (LBNL) 1980-2003, where he helped implement several major databases and international standards for metadata.



in history.

Hazel Millard is the advocacy campaign strategist in the Brennan Center's Elections and Government Program. She focuses on advancing reforms in the areas of money in politics and election administration. She is a coauthor of several recent Brennan Center publications, including two reports on reforming election administration in New York City and State. Her work has been featured in national and local outlets, including Slate and the New York Daily News. Prior to joining the Brennan Center, Millard graduated summa cum laude from Middlebury College with a BA



Janet Millenson leads the Protecting the Vote advocacy team for the League of Women Voters of Maryland. She started working elections in Montgomery County, MD in 2004, and has served as an Early Voting Center Manager, a Chief Judge, and a Roamer supporting multiple precincts. In 2012 she also trained election workers for the county Board of Elections. Janet's professional background is as a data science consultant specializing in data mining and predictive analytics. She has a bachelor's degree in Logical Systems (mathematics and computer science) from the University of Pennsylvania and a master's degree in

Management from M.I.T. Janet is a lifelong bird enthusiast and a former president of the Maryland Ornithological Society. She also enjoys spending time in deserts, especially the Grand Canyon.



Gregory Miller is a co-founder of the OSET Institute. He leads resource development, corporate alliances, public outreach, election official relations, government relations, and legal affairs. In 2016-2019, Mr. Miller was a volunteer elections technology subject matter expert to the U.S. DHS and national security community, and continues to advise Congress and elements of the national security apparatus. He has spent over 16- years immersed in the technology (and security) of elections. Gregory has four decades of technical and business experience with several Internet and technology pioneers such as Apple, Computervision, and Netscape. He is a trained

computer scientist, with graduate business education, and a law degree with emphasis on corporate law and intellectual property. He has focused on patent law, technology licensing law, and related public policy. He is an inventor on a pair of early patents in network distributed computing interprocess communications. Gregory's technical background includes visual interface design, software architecture, distributed systems and Internet protocols. Gregory has been active in the American Bar Association on Cyberlaw, Information Privacy & Security, and Internet Governance. He is a member of the Congressional Internet Caucus Advisory Committee, and a sustaining member of the Internet Society. He served on the San Francisco Voting Systems Task Force, 2010-2012. Gregory is the son of German immigrant parents—holocaust refugees who escaped the tyranny of Nazi Germany with its destruction of democracy in 1938. His co-founding of the OSET Institute and pursuit of its mission is dedicated to the preservation of democracy in memory of his family.



Dhanya Narayanan is a third-year student and researcher at the University of Michigan, where she studies Computer Science and Cognitive Science. She is a member of the Center for Computer Security and Society with a focus on election systems. Her research interests thus far have been geared toward gaining insights from publicly released election records.



Lawrence Norden is the senior director of the Elections and Government Program, where he leads the Brennan Center's work in a variety of areas, including its effort to bring balance to campaign funding and break down barriers that keep Americans from participating in politics, ensure that U.S. election infrastructure is secure and accessible to every voter, and protect elections from disinformation and foreign interference. His work has been featured in media outlets across the country, including the *New York Times*, the *Wall Street Journal*, Fox News, CNN, MSNBC, and National Public Radio. He has testified

before Congress and several state legislatures on numerous occasions. In 2009, Norden served as chair of the Ohio secretary of state's bipartisan Election Summit and Conference, authoring a report to the State of Ohio on improving that state's election laws. The report was endorsed by the

bipartisan Ohio Association of Election Officials and the *Columbus Dispatch*, which praised the report for "following an independent path." Also that year, he received the Usability Professional Association's Usability In Civic Life Award for his "pioneering work to improve elections." Norden is the lead author of the book *The Machinery of Democracy: Protecting Elections in an Electronic World* (Academy Chicago Press, 2006) and with his Brennan Center colleague Ian Vandewalker, a contributor to *Defending Democracies: Combatting Foreign Interference in a Digital Age* (Oxford University Press, 2021). He is a member of the Election Assistance Commission's Board of Advisors, where he currently serves as vice chair of the Election Security Committee. He is a graduate of the University of Chicago and NYU School of Law.



Elena Nunez is the Director of State Operations for Common Cause. Elena provides direct support to states on campaigns, fundraising, policy, and program development. As Executive Director in Colorado, Elena won reforms to promote voting rights, expand access to open records, and increase campaign finance transparency. Elena led Colorado Common Cause's efforts to modernize elections with the adoption of the Colorado Voter Access & Modernized Elections Act, which established same day voter registration, modernized list maintenance processes, and created more convenient options for voting.

She was appointed by then-Governor John Hickenlooper to the commission charged with overseeing the law's implementation and served as co-chair of the commission. In addition to her work lobbying and building coalitions on government reform issues, Elena has significant experience working on ballot measures, including managing successful statewide campaigns for campaign finance and ethics reform. Elena serves on the board of directors for the BISC Foundation and on the Circle of Advisors for the National Vote at Home Institute. Originally from Arizona, Elena graduated from Columbia University with a degree in Political Science and Gender Studies.



Tammy Patrick is the Chief Executive Officer for Programs at the Election Center, Tammy Patrick has been working in the election administration space since 2003--most recently as the Senior Advisor to the Elections Program at Democracy Fund. Focusing on modern elections, Tammy works to foster a voter-centric elections system and support election officials across the country. In 2013 she was selected by President Obama to serve as a commissioner on the Presidential Commission on Election Administration, which led to a position at the Bipartisan Policy

Center to further the work of the PCEA. Prior to that, she was the Federal Compliance Officer for Maricopa County Elections Department for eleven years. She has testified on election administration policies multiple times in the United States Senate and House of Representatives, and in numerous state legislatures on behalf of members of both parties. She has been an active member of the Election Center's Legislative and Postal Committees, representing the organization to the United States Postal Service's Mailers Technical Advisory Committee for over a decade. She elevates the election official perspective in the media and by serving as a member of numerous boards of advisors and steering committees. She received her CERA certification in 2007 from Auburn University and the Election Center and was honored to be inducted into their Hall of Fame

in 2022. She has served as an adjunct professor at the University of Minnesota's Humphrey School of Public Policy since 2016. In her free time you can find her in her garden or playing music—she released her fifth album in 2016 and can be found on all major streaming services (but has boxes of CDs available if you are old-school).



Dr. Mohammad Obiedat is a deaf mathematician and computer scientist. He has been teaching mathematics, computer science, and information technology courses at Gallaudet University for more than twenty two years. Dr. Obiedat served as the Information Technology Program Director from 2013 to 2016, and he is currently serving as the Mathematics Program Director. Dr. Obiedat has published several peer-reviewed articles in mathematics and computer science. His

research interests are in both mathematics and computer science, including algebraic topology, graded ring theory, cryptography, data structures and algorithms, and Java programming language. He has also worked with some undergraduate students on research projects related to the lattice data structures and cryptography, and has jointly published a book chapter entitled "The Future of Mentoring Undergraduate Research in Mathematics with Deaf and Hard-of-Hearing Students".



Rhys Price Jones was born in Wales. His first language is Cymraeg (Welsh), but his English is passable. During his working career he taught Computer Science at Indiana University-Purdue University at Fort Wayne, Oberlin College, the Rochester Institute of Technology, the George Washington University, Stanford University, Grinnell College, Wellesley College and the College of Wooster. Since retiring he has been active with the League of Women Voters and tries to compose strict meter Welsh poetry.



Gowri Ramachandran serves as senior counsel in the Brennan Center's Elections & Government program. Her work focuses on election security, election administration, and combating election disinformation. Before joining the Brennan Center, she was professor of law at Southwestern Law School, in Los Angeles, California, where she taught courses such as constitutional law, employment discrimination, and the Ninth Circuit Appellate Litigation Clinic. Her work was published in *Election Law Journal, North Carolina Law Review*, and *Yale Law*

Journal online, among others. She served on the Ninth Circuit's Fairness Committee, which considers racial, religious, gender, and other disparities in the administration of justice. Ramachandran received her undergraduate degree in mathematics from Yale College and a master's degree in statistics from Harvard University. While in law school, she served as editor-in-chief of the Yale Law Journal. After graduating from law school in 2003, Ramachandran served as law clerk to Judge Sidney R. Thomas of the U.S. Court of Appeals for the Ninth Circuit in Billings, Montana.



Sachin Rammoorthy is a student at the University of Michigan studying Computer Science and Math. I work with Professor Alex Halderman on election security research, most recently on exploring correlations between demographics and voter error and attempting to reverse engineer online voting systems.



Alexander Russell holds a B.A. in Mathematics and a B.A in Computer Science from Cornell University, an S.M. in Computer Science from MIT, and a Ph.D. in Mathematics from MIT. He is currently a professor of Computer Science and Engineering at the University of Connecticut and the director of the UConn Center for Voting Technology Research.



Dwight Shellman is the County Regulation and Support Manager for the Elections Division of the Colorado Secretary of State's Office and is responsible for managing the Division's externally focused resources to support Colorado's 64 county clerks and members of their election staff in conducting elections. He received undergraduate and law degrees from the University of Colorado at Boulder and practiced law for 17 years before accidentally starting a second career in elections administration. That happened in 2010 when, after returning to his hometown of Aspen for

family reasons, he applied for a job as county elections manager because it sounded like a "fascinating, 9-to-5 job." That initial impression was exactly 50% correct.



Dr. Stephanie Singer has assembled, analyzed and explained data for private business, public agencies, campaigns and election oversight. Her public service projects have been funded by the National Science Foundation and the Knight Foundation. In 2020 she created the VoteVisualizer, a web app allowing users to explore comprehensive election results from across the country. Her client list includes the Oregon Secretary of State, the Orange County Registrar of Voters and the nonpartisan nonprofit Verified Voting.



Kevin Skoglund is digital security and election technology expert, and the President and Chief Technologist for Citizens for Better Elections, a non-profit, non-partisan group advocating for evidence-based elections. Kevin serves on the EVN Coordinating Committee, the Verified Voting Board of Advisers, and the NIST Voting System Cybersecurity Working Group, and he is a designated speaker on election security for the U.S. Department of State. His past work includes advising non-profits, counties, cities, and members of the U.S. Congress on voting system technology and election legislation, researching security vulnerabilities, and identifying voting systems connected to the internet. Kevin is also a Judge of Election (chief poll worker) in Montgomery County, Pennsylvania. Outside of elections,

Kevin is in love with pinball.



Michael A. Specter is a Senior Research Scientist at Google on the Android Security and Privacy team. He joined Google after completing his PhD in Electrical Engineering and Computer Science at MIT, and had previously served as research staff at MIT's Lincoln Laboratory, a joint facility between the US Air Force and MIT. Specter's research interests are broadly on problems in systems security and applied cryptography, specifically on issues relevant to public policy. His research has been featured in congressional testimony, amicus briefs, and (repeatedly) in the popular press, and

his work on encryption and surveillance earned a Pioneer Award from the Electronic Frontier Foundation.



Drew Springall is an Assistant Professor in the Department of Computer Science and Software Engineering at Auburn University (Auburn, AL). As a security researcher, his focus is highly-privileged/well-resourced attackers as well as how technical aspects of security change in when viewed in the totality of the situation whether it's scaling to the size of the Internet or incorporating non-technical elements related to election security. Drew likes to approach security issues from a holistic perspective incorporating not only his experiences in academia, industry (Google's Production Security Team) and government (USMC) but

including more abstract elements such as incentive structures and forward-looking impact analysis.



Philip B. Stark is Distinguished Professor of Statistics at the University of California, Berkeley. He invented "risk-limiting election audits" ("RLAs"), endorsed by the National Academies and the American Statistical Association, among others, now required or authorized by law in about 15 states. He has consulted for federal and state agencies including USDOJ, FTC, USDA, Census, HUD, Veterans Affairs; the California, Colorado, and New Hampshire Secretaries of State; the California and New Hampshire Attorneys General; the Georgia Department of Law; and the Illinois State Attorney. He has testified to the U.S. House of Representatives Subcommittee on the Census and several state legislative bodies; and he has been an expert witness in election litigation. Stark serves on the Board of

Advisors of the U.S. Election Assistance Commission, the Board of Directors of the Election Integrity Foundation, and the Board of Advisors of the OSET Institute.



Emma Steiner is Common Cause's Disinformation Analyst. She tracks ongoing trends in disinformation related to voting rights and democracy, and uses that analysis to pressure social media platforms to limit the spread of harmful messages that discourage voters or undermine the integrity of our elections. Before joining Common Cause, Emma earned a Master of Arts in Eurasian, Russian, and East European Studies from the Georgetown School of Foreign Service.



Brad Sturt is an assistant professor in the College of Business Administration at the University of Illinois at Chicago. He received his PhD from MIT in Operations Research and completed his undergraduate studies in Computer Engineering at the University of Illinois Urbana-Champaign. Prof. Sturt's recent work focuses on improving election security using techniques from robust and mixed-integer optimization. His past research on using optimization to improve business operations and public policy has received several recognitions, including second place in the INFORMS Junior Faculty Interest Group Paper Competition, first place in the MIT Operations Research Center Best Student Paper Competition, and second place in the INFORMS George

Nicholson Student Paper Competition.



Maurice Turner is a recognized public interest technologist, cybersecurity expert, and election integrity advocate. He recently served on the Trust & Safety Team at Meta (Facebook). As a Public Policy Manager, Turner played a key role developing, applying, and communicating Community Standards on elections-related policies, civic issues, and political advertising. Maurice has also held positions as the Cybersecurity Fellow at the Alliance for Securing Democracy (ASD) at the German Marshall Fund of the United States (GMF), Senior Advisor

to the Executive Director at the United States Election Assistance Commission (EAC), and Deputy Director of the Internet Architecture project at the Center for Democracy & Technology (CDT). His education includes an MA in Public Administration from the University of Southern California, an BA in Political Science from California State University Fullerton, and a Certificate in Cybersecurity Strategy from Georgetown University.



Quentin Turner is an "environmentalist, comic book enthusiast, and a Detroiter who has been molded by growing up in Southeast Michigan." His experience advocating for the environment has led him to realize that we need to see expanded democratic access to voters and increased government accountability to citizens in order to make lasting change in our country. Since joining Common Cause in 2020, Turner has worked with community partners and government stakeholders throughout Michigan to ensure all Michigan voters have safe, secure and fair elections.



Virginia (Ginny) Vander Roest is the Election Implementation Manager at VotingWorks, a non-partisan non-profit providing secure and affordable solutions for election officials, including the risk-limiting audit tool, Arlo. Ginny helps states and counties across the nation implement RLAs and led the State of Michigan's RLA pilot program prior to joining VotingWorks. Ginny has over 20 years of experience as an election administrator at the local and state level. She is a CERA certified member of the Election Center, serving on various task forces and committees over the years. Ginny has a bachelor's degree from Western Michigan University.



Luther Weeks has been active for several years in voting integrity issues and citizen-lobbying the Connecticut Legislature and the U.S. Congress. Mr. Weeks' efforts in Connecticut contributed to the passage of the paper record law in 2005 and the selection of optical-scan over DRE (touch screen) voting equipment in 2006. Since 2007, he has organized citizen volunteers to observe Connecticut's post-election audits, independently report on those audits, and perform citizen audits of other aspects of the election system. In 2019, he was awarded the Full Tilt Activist Award in

honor of the Quixote Foundation by the Election Verification Network. He was in initial member of the State Audit Working Group since 2008 and moderated the group since 2014. In 2020, the State Audit Working Group contributed the most extensive comments to the EAC for VVSG 2.0 and in 2021 comments to Senators, to the Administration, and the Rules Committees to improve S.1, the For the People Act. B.S. Mathematics, Clarkson University with Distinction; M.S. Computer Science, Rensselaer Polytechnic Institute; Master Fellow of the Life (insurance) Management Institute. Spanning thirty-five years, Mr. Weeks led the initial implementations of database, personal computer, and artificial intelligence technologies for The Travelers, where he also led the evaluation and acquisition of commercial software. For nine years, he was a field engineer and product manager for two data communications software start-ups.



Chris Wlaschin joined ES&S in April 2018. He is responsible for driving company-wide security efforts including product, operational and infrastructure security. Prior to joining ES&S, Chris was the Chief Information Security Officer for the Department of Health and Human Services in Washington D.C. where he oversaw cybersecurity efforts for the Department as a member of the Senior Executive Service (SES). He has held other senior cybersecurity leadership positions in both the public and private sector including the Department of Defense, Department of

Veterans Affairs, National Research Corporation, and the University of Nebraska. Chris served with the United States Navy for over 20 years in a variety of leadership positions. He earned his master's degree from Northern Illinois University and a Bachelor of Science in Technology Education from Southern Illinois University. He also holds a current CISSP (Certified Information Systems Security Professional) certification. Chris is a former Chair and Vice Chair of the Election Industry - Subsector Coordinating Council (EI-SCC), and an Emeritus Member of the Federal Advisory Board for the Dell/EMC Corporation.