



The Voter



The League of Women Voters of the Space Coast

www.lwv-spacecoast.org

Volume 38: No. 5

April-May 2019

Mission: The League of Women Voters, a nonpartisan political organization, encourages informed and active participation in government, works to increase understanding of major public policy issues, and influences public policy through education and advocacy.



Join us for a 4 hour Port Canaveral tour aboard the boat, **Canaveral Cruise 1**. This includes passage through the lock, lunch and guest speaker: **Leslie Kemp Poole** – award winning author and historian. There will be a book signing of her book: “Saving Florida: Women’s Fight for the Environment in the Twentieth Century”.

When: Saturday, April 27, 2019 11 a.m. to 3 p.m.
Where: 620 Glen Cheek Drive, Port Canaveral FL 32920
Cost: Early Bird Price is \$48 until April 6th.
Price after April 6th is \$55.00

Deadline for Reservations is April 24th.

Registration: Register on our events page at www.lwv-spacecoast.org or you can mail your check to LWV Space Coast, 6629 Canal Road, Melbourne Village, FL 32904

If you have questions you can e-mail doreeenarcher1@gmail.com
If you register for this fundraiser, you will receive a 10% discount to our May Timely Topic where you can learn more about our port!

May Timely Topic



When: Saturday, May 11, 2019 11:30 a.m. to 2:00 p.m.
Where: Indian River Colony Club - Melbourne, FL
Cost: \$25 for League Members and \$30 for Non Members
(Costs before a 10% discount offered if attending Boat Tour and May Timely Topic)
Reservation Deadline - Sunday, May 5, 2019
Additional details on Page 2 for May Timely Topic

League Annual Meeting Details are on Page 2.



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Diversity Mission Statement

The League of Women Voters of the Space Coast will promote in all aspects of the League’s activities, a philosophy of inclusion that reflects the diverse composition and issues of the community.



President's Corner

Barbara Williams

Serving has enriched my perspective.

My two-year term as President sure flew by! Admittedly, there were times that I got busy with personal commitments at the same time League stuff seemed to keep popping up out of nowhere and I wondered when will this term ever end. Yet now as my term is ending, I realize how much I have personally gained from the experience and would certainly consider it again in the future and highly recommend it to others, especially if you might want to run for office one day.

I always thought I was an informed voter, yet I realize now there was so much I did not understand about our government and the pressures of the decision-making process and how people can really make a difference. I also learned to really listen to different perspectives of issues. The LWV uses a Study and Action Process to determine positions on issues. It is an interesting and excellent process and requires consensus vote. My experience in a consensus vote where I was in opposition was that it truly makes you listen to all points of view. In the end, you are requested to ask yourself, as someone in opposition, if given overwhelming support is adoption of the position, is it something you can live with. I begrudgingly said I can live with the position we were voting on, and a few years later, much to my surprise, I am now an ardent supporter of it. This view of consensus and not always insisting on 100% of your view is something that could be of value to everyone today. I am dismayed that our political parties push hard on candidates to be 100% aligned with party positions. I have never been 100% aligned with any party positions and I understand LWV members are not always 100% in agreement with League positions but are supportive of the League's primary focus on political education and preservation of our democracy. Political education includes candidate forums and education on issues. The League does not take a position on candidates or parties, even if there is opposition to a position adopted by the League. As president, I had the opportunity to meet with legislators to discuss our legislative priority positions. These were opportunities I really cherished because I got to know the legislator as a person. While they may not agree with some of our positions, overall there is agreement with most concerns and we could work together in many areas. We do not share our legislative discussions with the public, they are strictly for internal use and since we do not take positions on parties or candidates, this really helped me learn to appreciate legislators for what they do for the community without distortion of the politics.

I want to close with a Thank-You to all our LWVSC members for allowing me to serve, I truly am thankful for the growth the position has provided me. I hope to see many of you at the annual meeting, our member input really is important! Barbara Williams



Saturday, April 6, 2019, 10:30 a.m. to 2 p.m.

We will be at the lovely POW/MIA Park building at Pineda Causeway. **Address is 5995 Highway 1.** It is at the small park immediately north of Pineda Causeway. Members may bring a lunch or an optional Box Lunch from Palm Shores Bistro can be ordered when you register for the event. **Cost is \$12. LWVSC will provide water, coffee, tea and lemonade.**

Optional box lunch includes chips, cookie and your choice of the following served as a wrap or on a gourmet club roll. **Cuban** seasoned pulled pork, ham, swiss and pickle, **Italian** ham, salami, and pepperoni with provolone (served hot or cold), **Turkey Club** turkey, bacon, swiss, lettuce, tomato, **Roast Beef and Cheddar** (served hot or cold), **Chicken or Tuna Salad**, **Grilled Vegi** grilled portabella mushroom, zucchini, spinach, roasted red peppers and asiago cheese.

Schedule of Events:

10:30 - 11:15 a.m. - Presentation of Student Science Fair Learning, Lagoon, and League Awards.

11:30 a.m. -1:30 p.m. Annual Meeting Program

12:30 Box lunches from PSB will arrive.

1:30 p.m. Wrap up and clean-up

2:00p.m. Happy Hour starts at Grill's Tiki Bar next door-Join us for a toast to the 2019-2020 Board.

Deadline for Reservations is Wednesday, April 3rd.

Register on our website at www.lwv-spacecoast.org or

contact Doreen Archer at Doreenarcher1@gmail.com

If you are ordering a meal, give her your meal choice.

May Timely Topics



Learn about the Port during a panel discussion with:

Canaveral Port Authority Senior Director Public Safety and Security, Captain Barry Compagnoni (USCG-Ret)

Canaveral Port Authority Vice President Government and Strategic Communications, Diane Luensmann, Canaveral Fire and Rescue Chief, Dave Sargeant.

Menu: Chicken Florentine with Rice or Vegetarian Choice - Stuffed Shells with Vegetables Rolls, Coffee and Tea. Banana Cream Pie Ice Cream
There will be a cash bar.

Register at www.lwv-spacecoast.org on our events page.



Health Care Committee

Diane Conaway and Jo Shim Co Chairs

Funding for Crisis Pregnancy Centers by the Health Committee

When I go into a medical clinic, doctor's office or pharmacy, I expect accurate, professional and truthful information and care. In fact, I don't even stop to think about it and I'm guessing you don't either. In Florida there are 200 so-called "clinics" that are unlicensed, unregulated and staffed by volunteers with no medical certification and they are not required to adhere to the privacy principles we've come to expect from our medical providers. What I am talking about is "crisis pregnancy centers" (CPCs) often referred to as "fake clinics" that are not bona fide medical providers yet claim to provide comprehensive health services to women, when their entire focus is on promoting birth and preventing abortion.

Even the American Medical Association questions the ethics of these fake clinics. This is reflected in an article that appeared in the AMA Journal of Ethics in March 2018 which stated:

Because the religious ideology of these centers' owners and employees takes priority over the health and well-being of the women seeking care at these centers, women do not receive comprehensive, accurate, evidence-based clinical information about all available options. Although crisis pregnancy centers enjoy First Amendment rights protections, their propagation of misinformation should be regarded as an ethical violation that undermines women's health.

The bait is a "free pregnancy test," often drawing in young and poor women who cannot afford or are fearful of visiting the local Health Department or physician's office. Once inside a CPC they are exposed to medically inaccurate or incomplete information and often intimidation tactics are used to dissuade them from obtaining abortions or even using contraception. When a woman has decided to seek birth control or discuss her reproductive health options, she deserves access to care from a qualified medical provider, without judgment, shame, or trickery. Too often, these fake clinics judge, shame and intentionally try to trick women out of getting the care they are seeking.

To add insult to injury, last year the Florida Legislature approved HB41/SB444 the Pregnancy Support Services bill that legitimized CPCs by funding them to the tune of 4 million dollars per year. Using our tax dollars to mislead women is a disservice and dangerous. Not only was the Florida legislature negligent in their fiduciary responsibility regarding our tax dollars, they are endangering the health of Florida's women.

If you are interested in reproductive rights or any other health care issue, please consider joining the health care committee. Meetings are usually held on the 3rd Monday of every month. Please check the calendar for details.

References

<https://journalofethics.ama-assn.org/article/why-crisis-pregnancy-centers-are-legal-unethical/2018-03>
<https://www.kevinmd.com/blog/2019/01/whats-wrong-with-crisis-pregnancy-centers.html>
<https://www.guttmacher.org/journals/psrh/2012/09/public-health-risks-crisis-pregnancy-centers>



Natural Resources

Susan Little – Chair

SPACE COAST SOLAR CO-OP THE SECOND IS FINALLY HERE!!!

If you are interested in solar power either for your home or your community, please go to our website www.solarunitedneighbors.org/spacecoast and sign up. You can receive announcements about the co-op, legislation pertaining to solar and updates to solar technology. You can also ask questions and receive answers from people who have experience installing and using solar power. Our information meetings are listed on the website with the first one on March 30, 2019 at the Franklin T. DeGroodt Library, 6475 Minton Rd, Palm Bay from 3 pm-4:30 pm. See you there!!! 2nd information meeting is April 23 at Parrish Medical Center in Titusville at 5:30 pm and the third information meeting is at the Florida Solar Energy Center, Cocoa Florida at 5:30 pm. Questions or comments please email Susan Little ergajn88@gmail.com or Bob Rupe at br32927@gmail.com.



Justice Committee

Molly Domin – Chair

Legislative session has started in Tallahassee and the Justice committee is closely watching these bills:

SB7030 – Would arm teachers. It would repeal the provision in the Coach Aaron Feis Guardian Program that made teachers exempt from being allowed to carry guns. The League has a strong position against allowing teachers to be armed. Unfortunately, the bill has already passed the Education Committee on a 5-3 party line vote. However the proposed legislation must go through at least one more committee, as well as pass on the floor, to become law. (continued on Page 4)



Justice Committee Report continued from Page 3

Please call your Senator and ask that they vote NO on 7030.

flsenate.gov/Senators/Find

HB 135 and SB 654 – Sponsored by Rep. Margaret Good, D-Sarasota, and Sen. Lauren Book, D-Plantation, calls for criminal background checks on all gun purchases and requiring dealers to be licensed.

HB 655 and SB 712 – Sponsored by Rep. Shevrin Jones, D-West Park, and Sen. Janet Cruz, D-Tampa, doles out Guardian program funding to counties who chose not to participate as well as those in the program. The amount each county gets would be determined by how many students are enrolled.

HB 197 and SB 752 – Sponsored by Rep. Cindy Polo, D-Miramar, and Sen. Lori Berman, makes it illegal to openly carry a gun or concealed weapon into a childcare facility.

HB 455 and SB 466 – Sponsored by Rep. Carlos Smith, D-Orlando, and Sen. Gary Farmer, D-Ft. Lauderdale, bans military-style assault weapons and large-capacity magazines and sets boundaries for exceptions.

SB 108 – Sponsored by Sen. Lauren Book, makes the Florida Department of Law Enforcement responsible for approval of concealed weapons permits.

HB 753 – Sponsored by Rep. Javier Fernandez, D-South Miami, requires three stages of target training or equivalent experience to obtain a concealed weapons permit.

HB 6039 – Sponsored by Rep. Carlos Smith, to delete parts of “Docs vs. Glocks” that were ruled unconstitutional in 2017.

<https://www.orlandosentinel.com/health/os-ne-carlos-smith-docs-guns-20190211-story.html>

SB 764 – Sponsored by Sen. Lori Berman and Rep. Richard Stark, D-Weston, stops household or family members from leaving a gun in the house of someone who can’t legally own a gun.

SB 468 – Sponsored by Sen. Gary Farmer, among other changes, the bill would require all firearm sales or leases, even between private individuals, be conducted through a licensed firearm dealer. Most dealers charge an average of \$40 in transfer fees per transaction.

Citation :

<https://www.wuft.org/news/2019/02/12/florida-lawmakers-file-anti-gun-violence-legislation/>

The BAWN (Ban Assault Weapons Now) petitions have arrived! We have tons to get signed so please let me know how I can get some to you.

Finally, the committee hopes that the entire chapter keeps up with voter registration to give returning citizens as much opportunity as possible.



Education Committee

Fran Baer – Chair

Redefining Public Education

Remember when education could be defined by the three R’s, Reading, ‘Riting, and ‘Rithmetic? Well, those days are long gone. Besides the 3R’s, today’s public schools are responsible for much more and our Education Committee’s Program of Work (POW) reflects the many challenges facing our teachers and administrators as they work to meet the increasing needs of our students.

In developing our Program of Work, the committee members considered what issues were most important and how best to educate ourselves and League members. We arrived at the decision to go directly to the source and invite guest speakers knowledgeable on each subject to our monthly meetings for informal discussions with time for questions and answers.

Gary Shiffrin, Chair of the Independent Citizen Oversight Committee for the Half Cent Sales Tax explained the workings of the Committee and its priority of school security. (POW #7)

Vanessa Skipper, Vice President of the Brevard Federation of Teachers discussed the support needed in the classroom. (POW#11)

Sky Beard, Executive Director of the Early Learning Coalition of Brevard shared data on readiness programs for our youngest population. Thirty-six hundred under 4 year olds are enrolled with a waiting list of 650. (POW # 3)

Brevard County Schools Social Worker, Paula Ferrell, told us about the anxieties our students face and how they are coping. (POW # 10)

Jackie Small, Elementary Guidance Counselor, spoke to us about the roll of Brevard’s Guidance Counselors in modifying threatening and unhealthy behaviors and promoting student well-being. (POW# 12)

Jeff Arnott, Director of Adult Education for Brevard Schools explained the innovative teaching in our career education programs and the growing numbers of English as a Second Language Students. (POW #’s 1 & 9)

Dr. Sally Shinn, recently retired Liaison for Children In Transition enlightened us on the plight of our increased Homeless population. (POW#2)

Matt Reed, Assistant Superintendent, Government & Community Relations Brevard Public Schools, gave us valuable insight in the operation of our schools. (POW # 5)

A field trip to the Harry and Harriette Moore Memorial Park and Museum in Mims gave us a stunning opportunity to view the lives and work of

(continued on Page 5)



(Education Committee article continued from Page 4)

these educators and civil rights advocates as it is presented to teachers who visit with their classes. (POW #'s 1& 6)

Committee members will be visiting Brevard's civic studies' classrooms with a presentation on the history and importance of voting. (POW # 6)

Judging of Brevard County Schools' Science Fairs for Junior/Senior and 4th, 5th, and 6th grade students affords us the opportunity to see for ourselves the quality education provided for our students. (POW #'s 1&11)

More is planned and our meetings are open to all League members and posted on the website. The League of Women Voters recognizes that public education is a community affair. We all share in its failures and successes. Come join the discussion.

Bios for New Officers and Elected Directors



Jacqueline Chandler - President

Jacqueline serves as the Chief Executive Officer and Founder, I Am PROOF®(IAP), Inc., a 501(c)3 group

mentoring program for youth ages 11-17. The mentoring program provide pre-teens and teens boys and girls the opportunity to explore their individual sense of 'self', through a five-tier, 10 sessions training and coaching platform designed to produce our future leaders. P.R.O.O.F - Promote, Responsibility, Opportunity, Outcome through Faith = self-determination.

EDUCATION: Ms. Chandler received her master's degrees in Human Resources Development and Training, and Public Administration from Webster University also Instructional Systems Design Specialist (ISS) Certification of from TUI University. Additional educational accomplishments include Bachelor of Science Degree in Business Management, and Sociology from the University of Maryland, University Park; Academic Instructor's Course Certification from the Defense Equal Opportunity Management Institute, Patrick AF Base, Florida. Jacqueline has certificates of completion in numerous Equal Employment program courses to include Complaint Advisors Course; Equal Employment Opportunity (EEO) Counselors course, EEO Specialist program, Disability Program Managers Course, and Special Emphasis Program Managers' Courses certifications. She is also a federally certified mediator, academic instructor, facilitator, and trainer.

ASSOCIATIONS & AWARDS: She is a member League of Women Voters Space Coast, Brevard Tobacco Initiative, and Friends of the MLK Library. She has garnered several awards to include Brevard County Sheriff's Office Police Athletic League S.T.E.M. Program, F. A.C.E. Women of the Year, Space Coast National Congress of Black Women, National Image Award, General Daniel "Chappie" James, Jr. Award; additional military awards include: Equal Employment Opportunity and Equal Opportunity Advisor of the Year, and United States Air Force Senior NCO, and Airman of the Year.

PERSONAL/PROFESSIONAL INFORMATION:

Jacqueline Chandler was born and raised in Knoxville,

Tennessee. She enlisted in the U.S. Air Force and was trained and assigned as a dental assistant/hygienist stationed at Columbus Air Force Base, Mississippi. She later retrained as Social Actions/Military Equal Opportunity technician and attended the Defense Equal Opportunity Management Institute (DEOMI) at Patrick AFB, FL. After a successful 23 years of dedicated military service, she continued her career at Columbia College as an administrative assistant and later as a campus director, Hunter Army Airfield, Savannah, GA. Jacqueline later filled the position as the assistant director, Columbia College, Orlando, Florida's campus.

Jacqueline is married to Marvin L. Shelton from Terre Haute, Indiana, and their family includes four beautiful daughters - Jacquekie Renee, Nicole, Candace and Adrienne, six grandchildren and eight great grandchildren.



Jo Shim - 1st Vice President MBS,MT (ASCP)

Originally from the United Kingdom, Jo shim lived in South London prior to moving to the US.

In the mid-seventies she spent three years living and teaching in Jamaica as a VSO (Voluntary Service Overseas) volunteer. Following her move to the US, she enrolled in the Medical Technology program at the University of Central Florida and graduated in 1988 with a degree in Clinical Laboratory Science. Medical technology provided her with a very interesting career path and is the basis for many of her current advocacy interests. In 1994, Jo relocated with her husband to St. Croix in the US Virgin Islands. Once in the VI she took a position with the VI Department of Health working in HIV prevention and case management. Upon returning to Florida, she completed an MBA in Health Care Management, and worked at the Wuesthoff Reference Laboratory. Prior to her retirement in 2017, she was employed by Johns Hopkins University in an international program that provides support for clinical laboratories participating in US funded HIV and TB clinical trials.

Jo has always been a volunteer and an advocate, but it is only recently that she has been more interested in political advocacy.

In 2018 she accepted an appointment to the City of Cocoa Sustainability Advisory Committee. She currently serves as LWV of the Space Coast 1st Vice President and as Co-chair of the Health Care Committee. In February 2019 she became State Chair of the LWV of Florida Health Care Action Team.



Mary Murray - Secretary

Mary is the CEO and the Interior Designer for First Impression Home Staging Inc. (FIHS). Mary and her team have been featured in the Star Tribune and are currently

the center of an on going marketing campaign about Successful Small Business' sponsored by Highland Banks. You may have seen her work on the Parade of Homes or while visiting a new development.

Mary fulfilled her dream of owning her own company in 2002 after a long and successful corporate career. First Impressions Home Staging is located in St. Louis Park and currently provides a variety of services to the Seven County Metro Area. (continued on Page 6)

Bios for New Officers and Elected Directors

(continued from Page 5) First Impressions' services are sought out by individuals and recognized names with varying needs within the housing industry. FIHS client list includes Pratt Homes, Wellington Management, and SAS Apartments to name a few.



Brooke Deratany Goldfarb - Director

Brooke Deratany Goldfarb is a Brevard County Native and 1996 graduate of Harvard Law School. After practicing in various areas of the law in Miami, Washington, D.C., and on the Space Coast, she created Peaceful Beach Mediation & Collaboration, Inc. in 2008 to guide couples and families through the divorce process in a more dignified manner; create more opportunities for individuals and families to resolve conflict peacefully; and help people in general move forward in positive, productive, healthy ways. A member of "A Friendly Divorce Network of family mediators, Brooke is a Florida Supreme Court Certified Family & Circuit Civil Mediator; Qualified Arbitrator, Parenting Coordinator & Restorative Justice Facilitator. Since her return to Brevard in 2004, she has served on various boards dedicated to improving the quality of life of families. The daughter, wife, and sibling of former state, county, and municipal elected officials, Brooke has been married for over 20 years to her husband, Loren Goldfarb, is the proud mother of teenagers, Macie & Lucas, as well as devotee to her Yorkie-mixes, Daisy and Cici. In addition to the LWVSC, she currently serves on the Board of the Melbourne City Ballet Company and the Beaches Committee for the Brevard Tourism Development Council.



Krista Soboh - Director

I am a mother, wife, daughter, sister, business owner and community member. I am happy to have many roles and wear many hats. I was born in Titusville, FL during the early days of the space program and then later moved to South Brevard where I grew up playing in sunshine. After attending Melbourne High School, I choose to attend Boston College where I majored in Government and French Literature and have been a continuous learner ever since. I then partnered with my husband Majed raising my three wonderful children, Layla, Farris and Omar – who are fourth generation Brevardians. Along the way I had the opportunity to live overseas in France and for two years in Jordan where I witnessed the tumultuous Arab Spring, climate change, technological change and cultural transformations surging all at once. Witnessing such a borderless, tech saturated world was a great education in globalization. Since then, I have begun asking new questions and exploring new ideas about education, sustainability and governing in the digital flow, where I particularly see the value of using shared data domains to create more agile government. I hope to lead our community through the League to explore the potential of these technologies to make better decisions for the public good.



Lucia Watson - Director

I have been an elected Director of LWVSC since 2007. I have a B.A. from Augustana College in Rock Island, IL and a M.A. from Roosevelt University. The first part of my career was in Education. My husband and I were in business in Arizona for twenty years before moving to Brevard County in 2005.



International Relations

Joyce Calese - Chair

Molly Tasker will lead our program on April 9th at Satellite Beach Library from 1 p.m. to 3 p.m. "The Rise of Populism in Europe."

Sybil Shepard will lead our May 14th program, "The United States and Mexico: Partnership Tested."

. Our topics are found in the 2019 Great Decisions publication by the Foreign Policy Association.

Cyber Security and Geopolitics

by Martha Bradshaw

"Cyber," from a 1984 science fiction novel, has come to refer to computers and networks. In combination now, it forms new terms to describe contemporary challenges such as cyber theft, cyber bullying, and cyber security. Cyber space has been described as an artificial domain, existing in the abstract where individuals or organizations share information. One writer says cyber space is "the world beyond your screen."

Computer software authorizes access to networked devices, but unauthorized access, or hacking, occurs all the time, usually via software. Hacking may be for fun or curiosity, but it is usually with malicious intent. Many criminal hackers do so for financial gain, and daily there are news accounts of scamming, extortion, and theft amounting to millions of dollars.

Cyber theft may be for a government's benefit. One source of funding for North Korea's nuclear weapons program is believed to be stolen bank money.

Intrusions on behalf of a nation state may include law enforcement or information collection. Espionage usually does not violate international norms, but does domestic law. Countries such as China steal information in order to benefit state-controlled or -favored private enterprises; the US does not engage in such activity. Conducted by the military, spying is referred to as "intelligence, surveillance, and reconnaissance," and may occur before or during armed conflict.

Governments often encourage hacking because it is inexpensive, requires few people, is borderless and difficult to trace. The Center for Strategic and International Studies (CSIS) counted over six dozen significant cyber incidents, defined as "cyber-attacks on government agencies, defense and high tech companies, or economic crimes with losses of more than a million dollars" between January and November 2018. Most of these were by either military or security services, while some may have been by private individuals acting on behalf of a governmental agency.

Victims of hacking always have an attribution problem. The source of the hack can be made to appear as if coming from a completely different computer from which it does, from

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Cyber Security and Geopolitics (continued from Page 6)

a different country, or from multiple sources in multiple locations. North Korea has sent hackers to several different south Asian and African countries to work. Thus the responsible nation state is not the one(s) from which a hack originates.

Once attribution has been established, response is the next hurdle. Criminal activity may result in arrest, perhaps with the assistance of Interpol, and indictment. In 2007, the Council of Europe ratified the Convention on Cyber Crime, known as the Budapest Convention, a mutual assistance law enforcement agreement on principles of investigative law such as search and seizure, data retention, and extradition. Although lacking provisions on substantive offenses, the Budapest Convention is the only international de facto standard. The US is among Council non-members that both signed and ratified.

A visit to the FBI's Cyber Most Wanted page (<https://www.fbi.gov/wanted/cyber>) shows a collection of Chinese, Iranian, North Korean and Russian suspects. Why indict people who will almost certainly never see the inside of a courtroom? Indictment is "naming and shaming," possibly embarrassing, limits the suspect's travel, may have a deterrent effect, and makes attacking countries aware of US capabilities.

If an incident is non-criminal in nature and the attacker a nation-state, one option for the United States is diplomacy. After President Obama talked to Xi Jinping in 2014, China eased up for a while on their intrusions into US systems, although that may have been because Xi was cracking down on criminals in his country. "Knock it off" didn't succeed with Russia before our 2016 elections. Sanctions and tariffs are other options. US sanctions Russians as a punitive measure. One basis of complaints filed with the Trump administration's China tariff notices was Chinese cyber theft of intellectual property from US corporations. The benefit is greater than risk, however, so China does not change its practices. A disadvantage to sanctions is that they are seen as weak responses, making the US look defenseless or unwilling to retaliate.

Another possibility is hacking back. A recent Chinese hack stole information of 5 million customers from Marriott. Why didn't Marriott just hack back? The simple answer: it would be a violation of the US Computer Fraud and Abuse Act, and invite escalation as well. There is discussion in this country of statutory reform, however, allowing the private sector leeway to hack back.

What about breaches that warrant the use of national power?

The Department of Homeland Security has identified 16 areas of critical infrastructure that serve as the backbone of our national security, economy and health, with elections included shortly before Obama left office. Unlike many other countries, much of our critical infrastructure is privately owned, and there is traditionally resistance to government interference in private property.

Although it is known that adversaries have been in networks and perhaps (probably?) implanted malware, to date no intrusion has risen the level of a "significant cyber incident" that would permit use of kinetic military action. The National Cyber Strategy released in September 2018 "indicated greater willingness than before to conduct offensive cyber operations against adversaries," and the Pentagon's new, more assertive Cyber Strategy of "defend forward" indicates preemptive strikes to "stop threats before they reach their targets."

The most difficult questions are those about application of international law to the cyber world.

The 2007 attack on Estonia, Europe's most wired country, got everyone's attention. Attributed to Russia, the attack crippled government and corporate systems. If Estonia had invoked Article 5 of the NATO agreement, other nations would have had to go to war against Russia.

Subsequently, a group of international experts under the auspices of NATO met in Estonia to develop rules applying international law to the cyber world. Published as an academic study, the Tallinn Manual. . . on Cyber Warfare is known as Tallinn 1. The participants found their task difficult, because in the cyber world:

- the notion of territory does not exist;
- governments do not necessarily play a central role;
- attribution is difficult; and
- whereas in the real world the concern is for buildings and people, in cyber world, concern may be for data.

Existing rules applying to the physical world cannot easily be transferred to the digital one. If Nation A burned the physical files of B's national bank, that would be an act of war. What if the files were digital and wiped? Or warped? Would that justify going to war?

By the time Tallinn 2.0 on "Cyber Operations" was published in 2017, the experts were seeing not overt hostilities, but smaller, deniable activities that remain below the level that would allow a formal declaration of war. Questions considered included whether remote cyber espionage reaches the threshold of severity violating international law. Some believe Russian hacking of US databases before the 2016 elections would be an example. Another discussion was on the legality of one nation hacking into a nuclear power plant to hold it as cyber hostage and threatening to kill hundreds of people unless the nation withdrew from an unrelated conflict.

In November 2018, French President Macron announced the "Paris Call for Trust and Security in Cyberspace," designed to establish international norms for the internet. The nine goals outlined include "helping to ensure foreign actors don't interfere with elections and working to prevent private corporations from 'hacking back.'" Although the Paris Call is mostly symbolic, it is endorsed by "more than 50 nations, 90 nonprofits and universities, and 130 private corporations and groups," including several major American technology corporations. Non-signatories included the United States, Russia, China, Iran and Israel.

Events Calendar is found on our website: https://lwvsc.clubexpress.com/content.aspx?page_id=4001&club_id=992157

We have many Photo Albums for you to enjoy at https://lwvsc.clubexpress.com/content.aspx?page_id=187&club_id=992157



League of Women Voters
of the Space Coast
P.O. Box 360823
Melbourne, FL 32936-0823

Men Are Welcome to Join LWV!

PLEASE CHECK YOUR INTERESTS

- Education
- Fund Raising/Finance
- Health Issues
- Hospitality/Events
- International Relations Study Group
- Justice
- Legislative Action
- Local Government/Observer Corps
- Membership
- Natural Resources
- Publicity & Public Relations
- Recycling
- Social Media/Facebook
- Speaker's Bureau
- Telephone Committee
- Voter Service
- The Voter (monthly newsletter)
- Website
- Women's Issues

MEMBERSHIP FORM

Please complete the information below and return with your check made payable to League of Women Voters of the Space Coast

Mail to: LWV Space Coast
6629 Canal Road
Melbourne Village, FL 32904

Name _____

Address _____

City/State _____

Zip _____

E-Mail Address _____

Phone _____

New Member _____ Returning Member _____

ANNUAL DUES

- \$60.00 for Individual Membership
- \$85.00 for Household Membership
- \$0.00 for Student Membership