

**Justin Lee**  
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## **EDUCATION**

**Pardee RAND Graduate School**  
**PhD. Policy Analysis**

**Santa Monica, CA**  
**Expected June 2025**

**Carleton College**  
**B.A. Physics, Political Science and International Relations**

**Northfield, MN**  
**June 2019**

## **WORK EXPERIENCE**

**Systems Planning and Analysis**  
**Operations Research Analyst**

**Arlington, V.A.**  
**Oct 2019-Sept 2020**

- Studied the effect of Joint Training Exercises on Force Readiness in support of the Office of the Undersecretary of Defense (Personnel and Readiness).
- Developed briefings, memos, and other staff materials informing the head of the JAEC program on the status and effectiveness Joint Exercise Training Program.

**Technology Analysis Intern**

**June 2019-Oct 2019**

- Supported SIAC and STRATCOM by writing detailed reports summarizing literature focused on the effects of emerging and existing technologies on national security and nuclear deterrence.
- Developed products, including briefings, memos, and war games materials on organizational, technological, and operational challenges facing the US Armed Forces informing decision-makers.

**Laura Baker Services**  
**Public Policy Intern (10hrs/week)**

**Northfield M.N.**  
**Oct. 2018-Apr 2019**

- Reviewed policies affecting citizens of the United States with disabilities in order to craft materials advocating favorable policy on behalf of LBS clients at the state and federal levels.
- Worked with people with intellectual disabilities and caregivers to better understand their policy needs.

**Minnesota Center for Environmental Advocacy**  
**Environmental Policy Extern**

**St. Paul, M.N.**  
**Nov 2016-Dec 2016**

- Documented local and national issues of environmental and natural resource policy in memos for staff and blog posts for external publication..
- Attended meetings with senior MCEA staff on subjects from pipelines to drainage policy review at levels ranging from local committees to the state legislature and executive branch.

## **DISTINCTIONS AND AWARDS**

Andrea Grove Iseminger '59 Endowed Scholarship Fund for Off-Campus Studies; Delegate, International Strategic Crisis Negotiation Exercise; Student Assistant, Carleton International Strategic Crisis Negotiation Exercise; Eagle Scout, Boy Scouts of America; Member, Society for Advancement

of Chicanos/Hispanics and Native Americans in Science; Member, Space Generation Advisory Council

## **TECHNICAL SKILLS**

Experience in quantitative and qualitative research methods; strong analytical skills, wargaming, workshopping, Mathematica, Basic R, LaTeX, Tableau, MS Excel, Microsoft Office Suite, Basic Python, Linux/Unix, LabView, Server Configuration, Cybersecurity Practices, Scientific Writing and Communications, Adobe Lightroom/Photoshop, Adobe Illustrator

## **THESES**

### **The Physics of Midcourse Ballistic Missile Defense**

Detailed the physics that underlie and constrain the Ground-Based Midcourse Defense system, describing a complex land, sea, and space-based system from fundamental physical principles. Presented an overview of my paper in a 50 minute talk to faculty and peers.

### **The Contemporary Politics of Space Militarization**

Combined my political and technical knowledge to analyze American space policy, using three major frameworks of international relations theory to understand space policy and militarization from 1945 to 2018. Presented an overview of my results to faculty and students at a thesis poster conference.

## **RELEVANT COURSEWORK**

**Science and Mathematics:** Introduction to Statistics, Calculus II, Multivariable Calculus, Linear Algebra, Environmental Geology, Genes and Evolution, Topics In Modern Astrophysics, Matter and Interactions, Relativity and Particle Physics, Atomic and Nuclear Physics, Analytical and Computational Mechanics, Electricity and Magnetism, Thermodynamics and Statistical Mechanics, Contemporary Experimental Physics

**Social Sciences and Political Theory:** Microeconomics, International Relations and World Politics, American Politics, Comparative Political Analysis, Weapons of Mass Destruction, Terrorism and Extremist Groups (Audit), Foreign Policy Analysis, Family Ethics, Perceptions of Otherness, Immigrants and Minorities, Nationbuilding Through Politics and Art, Cosmopolitanism,

**Languages:** English (Native); French (Limited Working)