

Iain Addleton, Associate

Synapse Energy Economics | 485 Massachusetts Avenue, Suite 3 | Cambridge, MA 02139 | 617-453-7042
iaddleton@synapse-energy.com

PROFESSIONAL EXPERIENCE

Synapse Energy Economics, Inc., Cambridge, MA. *Associate*, October 2020 – present

- Consults on energy-sector issues, including energy storage, offshore wind, integrated resource planning, rate cases, and electricity systems modeling.

Ceres, Boston, MA. *Independent Consultant*, February 2020 – September 2020

- Maintained database of 50 companies and measured their performance against climate, GHG emissions, and no-deforestation indicators. Adhered to consistent methodology for assessing and comparing private sector environmental performance.
- Analyzed corporate sustainability reporting, traced media releases on deforestation and sustainable supply chains, and monitored land-use and carbon emission guidelines for palm oil, soy, cattle, timber, and cocoa cultivation.
- Developed company briefings for investors that summarized company environmental performance against key climate indicators, which acted to support face-to-face investor engagement with companies, and pushed for enhanced private sector climate action.

Anbaric Development Partners, Wakefield, MA. *Research Associate and Independent Consultant*, May 2019 – September 2020

- Developed Excel model of fossil fuel generation in parts of New York State for the 2013-2018 period. Analyzed the environmental and financial impacts of peaker plant replacement by grid-scale energy storage.
- Built Excel model for energy storage deployments needed to achieve 100% renewable energy generation in Massachusetts by 2030.
- Published op-ed in Portland Press Herald on transmission and onshore wind development in Maine, and produced case study of Competitive Renewable Energy Zone development in Texas.
- Authored investment memos, created investment framework for energy storage revenue-stacking in different U.S. jurisdictions, and analyzed political and economic conditions that impact long-term project development strategy.

City of Cambridge Community Development Department, Cambridge, MA. *Tisch Summer Fellow*, June 2018 - August 2018

- Analyzed energy and permitting datasets for 25,000 properties in Cambridge to better understand heating and cooling systems, building stock, and energy use data.
- Conducted resident and homeowner outreach regarding clean energy incentive programs.

Tufts Institute of the Environment, Medford, MA. *Graduate Intern*, September 2017 – May 2018

- Developed 6,500 words of website content for new Sustainable Water Management Master of Science degree program, including curriculum structure, advertising, and course descriptions.

United States Air Force, Davis-Monthan Air Force Base, Tucson, AZ.

Captain – Senior Intelligence Duty Officer, April 2016 – December 2016

- Coordinated reconnaissance flight support to disaster relief operations in Haiti, establishing open communication channels between intelligence community and rescue personnel, and ensuring rapid and accurate intelligence reports and damage assessments.
- Directed daily flight operations for 7 intelligence assets valued at \$574 million.
- Guided dynamic and flexible multi-source collection that led to 13,000 intelligence reports.

First Lieutenant – Analysis, Correlation, and Fusion Team Chief, October 2015 – April 2016

- Managed team of 14 military analysts dedicated to fusing multi-source intelligence and developing daily briefings for 3-star general.
- Spearheaded three annual intelligence studies on transnational organized crime in the Caribbean and military tactics in Latin America. Coordinated with five external government agencies.

First Lieutenant – ISR Operations Collection Management Team Chief, July 2014 – April 2015

- Managed team of 12 reconnaissance mission planners that developed daily guidance and long-term strategy for 9 Air Force assets.

Second Lieutenant – Processing and Exploitation Deputy Team Chief, September 2013 – July 2014

- Revamped data analysis of 30,000 intelligence reports by developing improved tracking metrics, incorporating new database queries, expanding trend identification, and applying data visualization.
- Implemented and maintained user-friendly database of over 12,400 intelligence targets.
- Developed annual and quarterly reports for 3-star general that fused quantitative and qualitative analysis of over 600 military reconnaissance missions, 2,900 flight hours, 2,500 collection targets, and 1,700 intelligence reports.

U.S. Embassy Intelligence Fusion Center, Bogota, Colombia. *First Lieutenant – Deployed Assistant Collection Manager*, April 2015 – October 2015

- Briefed U.S. Ambassador monthly on U.S. interagency support to Colombia, and coordinated 400 reconnaissance missions.
- Chaired daily meeting of U.S. Embassy analysts prioritizing intelligence needs for U.S. and Colombian agencies. Authored and coordinated 286 collection requests to fill 130 Embassy intelligence gaps.

Davidson College Political Science Department, Davidson, NC. *Editor and Research Assistant*, 2012 - 2016

- Primary editor and Research Assistant for Dr. Russell Crandall. Authored two chapters for book on U.S. counterinsurgency in the Philippines and on international intervention in Libya.
- Lead content and grammar editor for 598-page manuscript, from draft to final publication.
- Copyeditor for 506-page manuscript: reviewed content and thematic choices, compiled index.

PROFESSIONAL AWARDS

- *Air Force Commendation Medal (Davis-Monthan Air Force Base, Arizona, 2016)*
- *2 x Company Grade Officer of the Quarter (Davis-Monthan Air Force Base, Arizona, 2015 and 2016)*
- *2 x RED FLAG 16-4 Exercise Top 5% Superior Performer (Nellis Air Force Base, Nevada, 2014 and 2016)*
- *RED FLAG 16-1 Exercise Top 10% Outstanding Performer (Nellis Air Force Base, Nevada, 2016)*
- *Air Force Achievement Medal (U.S. Embassy Bogota, Colombia, 2015)*
- *Air Force Reserve Officer Training Corps Top 5% Distinguished Graduate (Charlotte, NC, 2012)*

EDUCATION

Tufts University, Fletcher School of Law and Diplomacy, Medford, MA

Master of Arts in Law and Diplomacy, 2019

Capstone project: *Offshore Wind Development in Scotland*

Davidson College, Davidson, NC

Bachelor of Arts in History and Political Science, 2012

Awards: John I. Smith Full-Tuition Scholarship, Chambers Scholar, Chidsey Leadership Fellowship, American Foreign Service Association Merit Scholarship

CONTINUING EDUCATION

Harvard Extension School, Cambridge, MA

HBX Credential of Readiness, 2016

150-hour online certificate program on business fundamentals from Harvard Business School.

Comprised of 3 courses – Business Analytics, Economics for Managers, and Financial Accounting

Resume updated October 2020