

**AARON STUDWELL**  
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## **Profile**

An experienced leader with over 30 years in sports management, including football (soccer), motorsports, & American football. Under my guidance, EC Sports Management has grown to represent eighteen clients and approved as a U.S. Soccer Federation Intermediary in two years. With over 25 years of meteorological experience, an innovator working on the forefront of new technologies. Business philosophy emphasizes transparency, mentorship, and consistent growth for my clients and employees.

## **Education**

### **Doctor of Philosophy in Atmospheric Sciences, University of Houston, 2020**

Dissertation *Spatiotemporal Variations of Saturn's Zonal Winds based on Cassini Long-term (2004-2017) Multi-instrument Observations*

Committee Chairs: Drs. Liming Li and Xun Jiang

### Achievements

- Graduated *cum laude*, College of Natural Science and Mathematics, Spring 2020  
Department of Earth and Atmospheric Sciences, University of Houston
- Scholarships for "Outstanding Academic Achievement" Spring 2018 & 2019  
Department of Earth and Atmospheric Sciences, University of Houston
- Chair, Cassini's Legacy: Atmospheric, Magnetospheric, and Heliospheric Fall 2018  
Discovery II Poster Session, American Geophysical Union, Fall Meeting 2018
- Visiting Researcher focused on dissertation writing and data analysis; Fall 2018  
Presented Fall 2018 seminar on Cassini research to College of Geography and Earth Sciences, Department of Meteorology, Eötvös Loránd University, Budapest, Hungary

### **Master of Science in Meteorology, Texas A&M University**

Thesis *Effects of Coastal Transitions on Cloud-to-Ground Lightning*

Committee Chair: Dr. Richard Orville

### Achievements

- Inducted into Chi Epsilon Pi, the National Honor Society for Atmospheric Sciences

### **Graduate courses in Aerospace Engineering, University of Maryland**

### **Bachelor of Science in Aerospace Engineering, University of Michigan**

## Experience

### ExoConsulting, LLC, Baltimore, Maryland

*President*

2020–Present

- ExoConsulting, LLC consists of three distinct and growing divisions: EC Sports Management, Chesapeake Analytics, and RaceWeather

### EC Sports Management

- Perform business development and marketing sales representing eight driver-clients across six race series
- Coordinated with NFL alumnus Jarrod Bunch to launch a Black-owned NASCAR Xfinity team in 2022 season; Orchestrated technical alliance discussions with manufacturers and NASCAR Cup team representatives
- Approved by U.S. Soccer Federation as an Intermediary (Agent) for the 2022-2023 season
- Represent six footballers and two coaches, acting on their behalf to find opportunities for placing professional athletes with teams; Negotiate with sports team leaders on athlete pay, benefits, and other incentives

### Chesapeake Analytics

- Conduct business development efforts in the weather data and analytics sector, along with commodity and cryptocurrency trading; Represent four weather-centric and a market technical analysis platform, representing four companies
- Develop and implement growth opportunities for two innovative companies with a focus on health and wellness through improved indoor and outdoor air quality

### RaceWeather

- Provide guidance and mentoring to a team of operational meteorologists
- Expanded company's full-time coverage of race series from one to five series, while recruiting new staff to join in these forecasting efforts
- Develop and publish weather forecasts for NASCAR and Formula 1 race weekends on RaceWeather.net and across social media

### DTN, Norman, Oklahoma

*Meteorologist*

2019

- Performed specialized marine forecasting, including marine transits and tropical cyclone forecasting, implementing knowledge of regional meteorological phenomena; Client base includes offshore operations, along with entertainment and sporting events
- Conducted severe weather monitoring and issue severe weather alerts, yielding actionable insight for our clients

## Experience (cont.)

### **DTN, Houston, Texas (Acquired Wilkens Weather Technologies in September 2017)**

*Marine Team Lead* 2017–2019

- Led a team of operational meteorologists; responsible for mentoring, formulating career goals, recruiting new talent, and conflict management
- Provided expert witness services, including deposition and testimony with regards to historical weather conditions
- Provided technical assistance to Sales by aiding in the preparation and review of proposals, coordinating product demonstrations, defining operational requirements, and assisting with customer integration

*Manager, Weather Operations (Wilkens Weather Technologies)* 2013–2017

- Supervised Arctic meteorological research project, which yielded an overview of the regional effects in both the weather and forecast modeling; Compiled and edited the final deliverable report to the client; Generated presentation and was a speaker at the final client meeting
- Supported the development and launch of Wilkens Weather's social media platform; Developed content for these outlets on a regular basis

*Senior Meteorologist (Wilkens Weather Technologies)* 2010–2013

- Prepared and produced tropical forecasts for the energy exploration and production sector
- Conducted short-term forecasting for North America, Europe, and Australia for a variety of energy sector clients, including refineries and LNG facilities

### **Weather Insight, L.P., Houston, Texas**

*Senior Manager, Research and Analytics* 2007 – 2010

- Supervised a team of scientists and software developers coordinating project schedules, imparted professional guidance, and offered technical direction
- Led and managed customer support functions including training of new clients and employees in the operation of our weather software services, responding to client questions and troubleshooting installation issues
- Developed and maintained software development schedule in order to manage client requirements, priorities assigned by senior management, and deliverables with our technology partners

### **Avant Capital Management, Houston, Texas**

*Chief Meteorologist* 2006 – 2007

- Maintained constant contact with ten commodity traders to inform them of changing market and weather conditions

## Experience (cont.)

### Source Environmental, Houston, Texas

Vice President 2004–2006

- Supervised a team of engineers and scientists; Coordinated project schedules and provided expert technical guidance
- As the senior engineer, conducted and supervised air quality modeling studies ranging from instantaneous accidental discharges to long-term releases of pollutants using EPA-approved air quality models
- Provided engineering and meteorological analysis for Source's senior management's testimony as an expert witness

## Professional Memberships

American Meteorological Society

American Geophysical Union

North American Society for Sports Management.

## Technical Skills

Microsoft Office suite  
AWIPS-II

MATLAB

UNIX  
IDL

## Publications

**Studwell, A.,** Li, L., Jiang, X., Dowling, T.E., 2020, Asymmetrical Expansion of Bright Clouds from Saturn's 2010 Great White Storm (Invited Speaker and Keynote Presentation), *5th International Conference on Geology & Earth Science*, London, England, UK (Virtual), GeoScience 2020.

**Studwell, A.** (2020). *Spatiotemporal Variations of Saturn's Zonal Winds Based On Cassini Long-term (2004-2017) Multi-Instrument Observations*. University of Houston Press.

**Studwell, A.,** Li, L., Jiang, X., Dowling, T.E., 2019, Unsymmetrical Expansion of Bright Clouds from Saturn's 2010 Great White Storm (Poster), *Preprints, Planetary Sciences*, San Francisco, CA, American Geophysical Union.

**Studwell, A.,** Li, L., Jiang, X., Baines, K., Fry, P., Momary, T., and Dyudina, U., 2018, Saturn's Global Zonal Winds Explored by Cassini/VIMS 5- $\mu$ m Images, *Preprints, Planetary Sciences*, Washington, DC, American Geophysical Union.

Jiang, X., Corbett, A. Creedy, E., La, J., **Studwell, A.,** Li, L., Frankenberg, C. Yung, Y., 2018, Variations of Solar-Induced Fluorescence, Carbon Dioxide, and Water Cycle (Poster),

*Preprints, Atmospheric Sciences*, Washington, DC, American Geophysical Union.

## **Publications (cont.)**

**Studwell, A.**, Li, L., Jiang, X., Baines, K., Fry, P., Momary, T., and Dyudina, U., Saturn's Polar Zonal Winds Explored by Cassini/VIMS 5- $\mu$ m Images, *Geophysical Research Letters*, July 2018. DOI:10.1029/2018GL078139

Li, L., Jiang, X., **Studwell, A.**, Kao, A., Baines, K., Momary, T., Fry, P., Ingersoll, A., Janssen, M., Sanchez-Lavega, A., Achterberg, R., Simon, A., Dyudina, U., and West, R., 2016, Spatiotemporal Variability of Saturn's Zonal Winds from Cassini Multi-Instrument Observations, *Preprints, Planetary Atmospheres and Evolution*, San Francisco, CA, American Geophysical Union.

**Studwell, A.**, 2013, Mild West Pacific Typhoon Season Predicted, Asian Oil & Gas (Digital Edition), May 2013.

**Studwell, A.**, 2013, Hurricane Season Outlook for 2013, Offshore Engineer, May 2013.

**Studwell, A.**, 2011, Hurricane Season Outlook for 2011, Pipeline & Gas Journal, July 2011.

**Studwell, A.**, 2000, Reducing Weather Derivative Risk. *Preprints, Second Symposium on Environmental Applications*, Long Beach, CA, American Meteorological Society, 360-364.

**Studwell, A.**, 1999, Weather Derivatives. *Preprints, Eleventh Conference on Applied Climatology*, Dallas, TX, American Meteorological Society, 36-40.

**Studwell, A.**, Effects of Coastal Transitions on Cloud-to-Ground Lightning, 1995, Texas A&M University Press, College Station, TX, 136 pp.

**Studwell, A.**, and J. Nielsen-Gammon, 1995, Mesoscale Analysis of the March 27, 1994 Severe Weather Outbreak. Technical Memorandum NWS-SR-166, National Weather Service, Fort Worth, TX, 25 pp.

**Studwell, A.**, and R. Orville, 1995, Characteristics of Cloud-to-Ground Lightning in a Severe Winter Storm, 9-12 February 1994. *Preprints, Sixth Conference on Aviation Weather Systems*, Dallas, TX, American Meteorological Society, 176-181.