

## 2021 UConn Sports Analytics Symposium

Saturday, October 9, 2021

<http://uconnsportsanalytics.org/>

**COVID-19 Note:** The symposium will be completely virtual given the latest development.

The UConn Sports Analytics Symposium (UCSAS) focuses specifically on students (graduate, undergraduate, and pre-college) who are interested in sports analytics. Organized by the UConn Statistical Data Science Lab of the Department of Statistics, UCSAS aims to: 1) showcase sports analytics to students at an accessible level; 2) train students in data analytics with application to sports data; and 3) foster collaboration between academic programs and the sports industry.

### Keynote Presentations

- Eric Tulsy, Assistant General Manager, Carolina Hurricanes:  
No Stone Unturned: Leveraging Public Domain Analysis
- Justin Jacobs, Principal Research Statistician, Sandia National Laboratories:  
A Square-Integrable Methodology into Play Registration for NBA Tracking Data
- Sarah Bailey, Manager Analytics and Data, Los Angeles Rams  
Sports Science in NFL: An Overview of How Analytics and Performance Can Work Together

### Panel Discussion: Careers in Sports Analytics

- Alison Lukan (moderator), Journalist and Host, Freelance
- Kelsey Roberts, Database/Basketball Analyst, New York Knicks
- Jessica Hensley, Data Analyst, United States Olympic Committee
- Sara Ziegler, Sports Editor, FiveThirtyEight

**Poster Session** A virtual poster session is scheduled for 10:50–12:50. We invite submissions from all, especially students (high school, undergraduate, or graduate), with interesting works on any topics of sports analytics. The submission deadline is 11:59 pm, Friday, October 1, 2021. A student poster award, decided by the Student Poster Award Committee, will be presented at the closing ceremony.

**Training Workshops** Six one-hour workshops are offered in three concurrent sessions of two hours (13:00–15:00). They provide trainings from jumpstart to advanced sports analytic skills.

- Concurrent Session A (Introductory)
  - 13:00–13:50: Introduction to R: Tuhin Sheikh
  - 14:00–14:50: Introduction to Python: Surya Teja Eada
- Concurrent Session B (Intermediate)
  - 13:00–13:50: Hockey Analytics with R: Meghan Hall
  - 14:00–14:50: Basketball Analytics with R: Jackson Lautier
- Concurrent Session C (Advanced)
  - 13:00–13:50: Web Scraping for Sports Data with R: Lucas Godoy
  - 14:00–14:50: TensorFlow with Applications in Sports Analytics: Jun (Bruce) Jin

**Registration** The symposium is open to anyone with an interest in sports analytics. The registration fee is minimal (\$5 for students and \$10 for nonstudents) to get an accurate count for planning and logistics.

**Sponsorship** Depending on the contribution level, sponsors will be recognized through customary channels. Please contact Dr. Jun Yan ([jun.yan@uconn.edu](mailto:jun.yan@uconn.edu)) for details.

