

## Class Schedule

### Intro to Javascript and Data Visualization with D3

DHSI 2023 — June 5–9  
Clearihue A030

Dr. Harvey Quamen  
University of Alberta  
hquamen@ualberta.cca

Dr. Jon Bath  
University of Saskatchewan  
jon.bath@usask

Listed below is our rough timeline of the week's activities. At any given time, of course, we may be a bit ahead or a bit behind.

#### Monday 5 June

9:00 – 10:15 am: *Welcome Session (David Lam Auditorium)*

10:30 – noon: Introductions, Anatomy of a D3 Visualization; start loading software

1:00 – 2:30 pm: finish loading software; Intro to HTML5

2:30 – 4:00: *Institute Lecture (David Lam Auditorium)*

#### Tuesday 6 June

9:00 – noon: Scalable Vector Graphics (SVG); Cascading Style Sheets (CSS): the Box Model for HTML plus the SVG properties for shapes

1:00 – 4:00 pm: finish CSS; Intro to Javascript (console vs. file; data containers, conditionals)

#### Wednesday 6 June

9:00 – noon: Javascript functions

1:00 – 4:00: Javascript functions; Intro to D3 (see D3 Codealong descriptions in course pack)

#### Thursday 7 June

9:00 – noon: D3

1:00 – 4:00: D3

#### Friday 8 June

9:00 – noon: Finish everything