TTU REU Summer Schedule 2021 (Time is CDT)

Week 1 June 7 (Mon)	10-10:30am Welcome and Introductions (All mentors and Graduate students invited) 10:30-11am Discussion of Expectations/Contract 11-11:30am Presentation: "Responsible Conduct of Research" Dr. Marianne Evola (TTU Office of Research & Innovation) 11:30am-12:30pm Introduction of Group Projects by Mentors 12:30-1:30pm Lunch break meeting 2-3pm *Group meetings with Mentors 3-4pm Download software: Michael Kacal (IT Support, TTU Math & Stat)
June 8 (Tue)	10-11am *Tutorial: "Modeling with Differential Equations" Dr. Linda Allen 11:30am-12:30pm *Tutorial: "Basics for Einstein paradigm: from randomity to determinism" Dr. Akif Ibragimov Lunch break meeting
	2-3pm Tutorial: "Finite Element Methods". Dr. Chunmei Wang 3-5pm *Lab time: 9 REU and 4 Graduate students
June 9 (Wed)	10-11am *Tutorial: "Probability Theory and Stochastic Processes" Dr. Linda Allen 11:30am-12:30pm *Tutorial: "Brownian Motion and Gaussian Processes" Dr. Akif Ibragimov Lunch break meeting 2-3pm Tutorial: "Weak Galerkin Finite Element Methods" Dr. Chunmei Wang 3-5pm *Lab time: 9 REU and 4 Graduate students
June 10 (Thur	*Tutorial: "Zoonoses Models" Dr. Linda Allen 11:30am-12:30pm *Tutorial: Einstein Model for the living organisms' dynamics" Dr. Akif Ibragimov
	12:30-1:30pm 2-3pm 3-5pm Lunch break meeting Tutorial: "Introduction of Deep Learning" Dr. Chunmei Wang *Lab time: 9 REU and 4 Graduate students
June 11 (Fri)	10am-12pm *Group meeting with Mentors 12:30-1:30pm Lunch break meeting 2-3pm Weekly meeting: 9 REU, Graduate students and Mentors (Presentations by REU students from each group)
Week 2 June 14-17 (Mon-Thurs) SMB meeting and poster sessions	
, –	1:30-2:30pm Presentation: "Library Resources" Erin Burns and Innocent Awasam (TTU Library) *Presentation: "Common themes in zoonotic spillover and disease emergence: lessons learned from bat- and rodent-borne RNA viruses" Dr. Colleen Jonsson (U Tennessee Health Sciences Center)
June 15 (Tue)	4-5:30pm *Presentation: "Where do zoonotic diseases come from? (Why here? Why now?)" Dr. Nancy McIntyre (TTU Biological Sciences)
June 16 (Wed)	12:30-1:30pm Lunch break meeting
June 18 (Fri)	2-3pm Weekly meeting: 9 REU, Graduate students and Mentors (Presentations by REU students from each group)

Week 3

June 23 (Wed) 12:30-1:30pm Lunch break meeting

June 25 (Fri) 2-3pm Weekly meeting: 9 REU, Graduate students and Mentors

(Presentations by REU students from each group)

Week 4

June 28 (Mon) 3-4pm Presentation: "Graduate School Admission", David Cannon (Graduate Program

Manager, TTU Math & Stat)

June 30 (Wed) 12:30-1:30pm Lunch break meeting

July 2 (Friday) 2-3pm Weekly meeting: 9 REU, Graduate students and Mentors

(Presentations by REU students from each group)

Week 5

July 4 & July 5 (Sun & Mon) Holiday-No meetings

July 7 (Wed) 12:30-1:30pm Lunch break meeting

July 9 (Fri) 2-3pm Weekly meeting: 9 REU, Graduate students and Mentors

(Presentations by REU students from each group)

Week 6

July 14 (Wed) 12:30-1:30pm Lunch break meeting

July 16 (Fri) 2-3pm Weekly meeting: 9 REU, Graduate students and Mentors

(Presentations by REU students from each group)

Week 7

July21 (Wed) 12:30-1:30pm Lunch break meeting

July 23 (Fri) 2-3pm Weekly meeting: 9 REU, Graduate students and Mentors

(Presentations by REU students from each group)

Week 8

July 28 (Wed) 12:30-1:30pm Lunch break meeting

Midnight Final report due on July 28th

July 30 (Fri) 10am-12pm Presentations by each group (30 mins each)

2-3pm Poster session-Open to public (department, parents, friends)

Except where specified, the zoom link is: https://zoom.us/j/6202442315

*Mentor Zoom Links:

Dr. Linda Allen's Tutorials, Group meetings, Presentations June 14,15:

https://texastech.zoom.us/j/93117978824

Dr. Akif Ibragimov's Tutorials and Group meetings:

https://zoom.us/meeting/91996277492

TTU Graduate Students:

Fahad Mostafa: Zoonoses Project Rahnuma Islam: Einstein Project Isankapul Gelihevage: Einstein Project Gayani Balasuriya: Nernst-Planck Project