

2011 Vigre REU Summer Program Schedule								
Week 1								
Time	5-Jun Sunday	6-Jun Monday	7-Jun Tuesday	8-Jun Wednesday	9-Jun Thursday	10-Jun Friday	11-Jun Saturday	
8:30-8:45								
8:45-9:00								
9:00-9:15		Welcome Lockett 112	Dembele: Mathematical Epidemiology (Lockett 112)					
9:15-9:30								
9:30-9:45								
9:45-10:00								
10:00-10:15		Mentoring Workshop <i>McGuire</i>	Smolinsky: Geometric Constructions (Lockett 112)					
10:15-10:30								
10:30-10:45								
10:45-11:00								
11:00-11:15								
11:15-11:30								
11:30-11:45		LaTeX Computer Setup, get Tiger Cards and parking permits, Lunch, etc.	Spiroff: Zero Divisor Graphs (Lockett 112)					
12:00-12:15	Students move into dorms							
12:15-12:30								
12:30-12:45								
12:45-1:00								
1:00-1:15			Davidson: Difference Equations (Lockett 112)					
1:15-1:30								
1:30-1:45								
1:45-2:00								
2:00-2:15								
2:15-2:30		Latex Workshop: Part I <i>Davidson</i>	Refreshments		Refreshments			
2:30-2:45								
2:45-3:00								
3:00-3:15	Mentor/Instructor meeting	Pizza Party <i>Keisler Lounge</i> <i>Lockett 321</i>		Latex Workshop: Part II <i>Davidson</i>	Collaborative Learning Workshop <i>McGuire</i>			
3:15-3:30								
3:30-3:45								
3:45-4:00								
4:00-4:15								
4:15-4:30	Campus Tour <i>Dave Chapman</i> <i>Neal Livesay</i>							
4:30-4:45								
4:45-5:00								
5:00-5:15								
5:15-5:30								
	Dinner at Chimes							

		2011 Vigre REU Summer Program Schedule						
		Week 2						
	12-Jun	13-Jun	14-Jun	15-Jun	16-Jun	17-Jun	18-Jun	
Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
8:30-8:45								
8:45-9:00								
9:00-9:15		Dembele: Mathematical Epidemiology (Lockett 112)						
9:15-9:30								
9:30-9:45								
9:45-10:00								
10:00-10:15								
10:15-10:30		Smolinsky: Geometric Constructions (Lockett 112)						
10:30-10:45								
10:45-11:00								
11:00-11:15								
11:15-11:30								
11:30-11:45								
11:45-12:00								
12:00-12:15		Spiroff: Zero Divisor Graphs (Lockett 112)						
12:15-12:30								
12:30-12:45								
12:45-1:00								
1:00-1:15								
1:15-1:30		Davidson: Difference Equations (Lockett 112)						
1:30-1:45								
1:45-2:00								
2:00-2:15								
2:15-2:30								
2:30-2:45			Refreshments		Refreshments			
2:45-3:00		Latex Workshop: Beamer Holmes/Dribus TikZ Chapman	Math Circles	Math Circles	Math Circles	Math Circles	Picnic at Gestur Olafsson's home	
3:00-3:15			Davidson Talk	Smolinsky Talk	Spiroff Talk	Dembele Talk		
3:15-3:30			Prescott Hall	Prescott Hall	Prescott Hall	Prescott Hall		
3:30-3:45			234	234	234	234		
3:45-4:00								
4:00-4:15								
4:15-4:30								
4:30-4:45								
4:45-5:00								
5:00-5:15								
5:15-5:30								

2011 Vigre REU Summer Program Schedule							
Week 3							
	19-Jun	20-Jun	21-Jun	22-Jun	23-Jun	24-Jun	25-Jun
Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-8:45							
8:45-9:00							
9:00-9:15		Dembele: Mathematical Epidemiology (Lockett 112)					
9:15-9:30							
9:30-9:45							
9:45-10:00							
10:00-10:15							
10:15-10:30		Smolinsky: Geometric Constructions (Lockett 112)					
10:30-10:45							
10:45-11:00							
11:00-11:15							
11:15-11:30							
11:30-11:45							
11:45-12:00							
12:00-12:15		Spiroff: Zero Divisor Graphs (Lockett 112)					
12:15-12:30							
12:30-12:45							
12:45-1:00							
1:00-1:15		Davidson: Difference Equations (Lockett 112)					
1:15-1:30							
1:30-1:45							
1:45-2:00							
2:00-2:15							
2:15-2:30			Refreshments		Refreshments		
2:30-2:45		Math Circles Davidson Smolinsky Groups Prescott Hall 234					
2:45-3:00							
3:00-3:15							
3:15-3:30							
3:30-3:45							
3:45-4:00							
4:00-4:15							
4:15-4:30							
4:30-4:45							
4:45-5:00							
5:00-5:15							
5:15-5:30							

		2011 Vigre REU Summer Program Schedule						
		Week 4						
		26-Jun	27-Jun	28-Jun	29-Jun	30-Jun	1-Jul	2-Jul
Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
8:30-8:45								
8:45-9:00								
9:00-9:15								
9:15-9:30		Dembele			Mathematical Epidemiology			
9:30-9:45								
9:45-10:00								
10:00-10:15								
10:15-10:30								
10:30-10:45		Smolinsky			Geometric Constructions			
10:45-11:00								
11:00-11:15								
11:15-11:30								
11:30-11:45								
11:45-12:00								
12:00-12:15								
12:15-12:30		Spiroff			Zero Divisor Graphs			
12:30-12:45								
12:45-1:00								
1:00-1:15								
1:15-1:30								
1:30-1:45		Davidson			Difference Equations			
1:45-2:00								
2:00-2:15								
2:15-2:30		Refreshments			Refreshments			
2:30-2:45								
2:45-3:00								
3:00-3:15		Workshop: Preparing for Graduate School <i>Prof. Leonard Richardson</i>				Math Circles All groups meet Prescott Hall 234		
3:15-3:30								
3:30-3:45								
3:45-4:00								
4:00-4:15								
4:15-4:30								
4:30-4:45								
4:45-5:00								
5:00-5:15								
5:15-5:30								

		2011 Vigre REU Summer Program Schedule						
		Week 5						
	3-Jul	4-Jul	5-Jul	6-Jul	7-Jul	8-Jul	9-Jul	
Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
8:30-8:45							Students move out of dorms	
8:45-9:00								
9:00-9:15								
9:15-9:30		No Classes: Independence Day Holiday	Dembele: Mathematical Epidemiology (Lockett 112)			Tureaud 109 Dembele 1		
9:30-9:45						Tureaud 109 Dembele 2		
9:45-10:00						Tureaud 109 Smolinsky 1		
10:00-10:15						Tureaud 109 Smolinsky 2		
10:15-10:30			Smolinsky: Geometric Constructions (Lockett 112)					
10:30-10:45								
10:45-11:00								
11:00-11:15								
11:15-11:30								
11:30-11:45								
11:45-12:00								
12:00-12:15								
12:15-12:30			Spiroff: Zero Divisor Graphs (Lockett 112)					
12:30-12:45						Tureaud 109 Spiroff 1		
12:45-1:00						Tureaud 109 Spiroff 2		
1:00-1:15			Davidson: Difference Equations (Lockett 112)			Tureaud 109 Davidson 1		
1:15-1:30						Tureaud 109 Davidson 2		
1:30-1:45								
1:45-2:00								
2:00-2:15								
2:15-2:30		Refreshments			Refreshments			
2:30-2:45					Closing Remarks			
2:45-3:00					Assessment			
3:00-3:15								
3:15-3:30								
3:30-3:45								
3:45-4:00					Cajun Feast			
4:00-4:15								
4:15-4:30								
4:30-4:45								
4:45-5:00								
5:00-5:15								
5:15-5:30								

Course Enrollment

Bassiday Dembele

Sandra Spiroff

Mark Davidson

Larry Smolinsky

Undergraduates

Casey Tsai
 Andrew Chapple
 Tyler Otto
 Minesha Estell
 Andrew Wilson
 Lucas Oglesby
 Teresa Portone
 Daniel Chausse
 Christine Derbins
 Vincent Margiotta
 William Kelly
 Brittany Stephenson
 Dwayne Dorsey
 Jon Lauer

Undergraduates

Tetyana Dewland
 Alaina Wickboldt
 Thomas Naugle
 Laura Mondello
 Mel Lazo
 Jerome Weston
 Rachel Weyrens
 Adrianna Guillory
 Vincent Margiotta
 Carlos Lopez
 Brittany Stephenson
 Maxalan Vickers
 William Smith
 Elisa Mulzac
 Alonza Terry

Undergraduates

Casey Tsai
 Tyler Otto
 Alfonso Creoze
 Tetyana Dewland
 Alaina Wickboldt
 Andrew Wilson
 Lucas Oglesby
 thomas Naugle
 Mel Lazo
 Daniel Chausse
 Holli Tatum
 Rachel Weyrens
 Jerome Weston
 Elisa Mulzac

Undergraduates

Andrew Chapple
 Minesha Estell
 Alfonso Creoze
 Laura Mondello
 Teresa Portone
 Holli Tatum
 Adrianna Guillory
 Christine Derbins
 Carlos Lopez
 William Kelly
 Dwayne Dorsey
 Maxalan Vickers
 William Smith
 Jon Lauer

Graduates

Dennis Hall
 Paul Sinz
 Neal Livesay

Graduates

Dennis Hall
 Benjamin Dribus
 Laura Rider
 Dave Chapman

Graduates

Simon Pfel
 Paul Sinz
 Neal Livesay

Graduates

Irina Holmes
 Simon Pfel
 Laura Rider

			Project Assignments				
		Dembele Project 1	Dembele Project 2		Spiroff Project 1	Spiroff Project 2	
		Neal Livesay	Dennis Hall		Dave Chapman	Benjamin Dribus	
		Lucas Oglesby	Christine Derbins		Elisa Mulzac	Mel Lazo	
		Brittany Stephenson	Jon Lauer		Carlos Lopez	Laura Modello	
		Teresa Portone	Daniel Chausse		Alonza Terry	Thomas Naugle	
		Vincent Margiotta	Dwayne Dorsey		Alaina Wickboldt	Adrianna Guillory	
		Smolinsky Project 1	Smolinsky Project 2		Davidson Project 1	Davidson Project 2	
		Irena Holmes	Laura Rider		Simon Pfel	Paul Sinz	
		Atfonso Creoze	Andrew Chapman		Jerome Weston	Tyler Otto	
		William Kelly	Hollie Tatum		Rachel Weyrens	Andrew Wilson	
		W, Chapman Smith	Maxalan Vickers		Tetyana Dewland	Casey Tsai	
Dembele Project 1: Mathematical Model of the Spread of Malaria (9:00-9:30)							
Dembele Project 2: Mathematical Model of the Spread of HIV (9:30-10:00)							
Smolinsky Project 1: Device Constructions with Hyperbolas (10:00-10:30)							
Smolinsky Project 1: Linear Geometric Constructions. (10:30-11:00)							
Spiroff Project 1: Construction of zero divisor graphs (12:30-1:00)							
Spiroff Project 2: Design of zero divisor graphs (1:00-1:30)							
Davidson Project 1: Phase Plane Analysis of Difference Equations (1:30-2:00)							
Davidson Project 2: Putzer's Method and the Z-transform (2:00-2:30)							

