

14th Annual SUMMER RESEARCH SYMPOSIUM

July 14, 2017 SOUTHERN ILLINOIS UNIVERSITY CARBONDALE



**You are invited to the 14th Annual
McNair Scholars Research Symposium and
SI Bridges to the Baccalaureate Poster Forum**

Friday, July 14, 2017

9 a.m. to 4 p.m.

Poster Forum 11 a.m. to noon

John C. Guyon Auditorium, Morris Library

McNair Scholars and SI Bridges will present the results of their summer research projects conducted under the guidance of faculty mentors. The SI Bridges to the Baccalaureate program will hold a poster forum from 11 a.m. to noon in the First Floor Rotunda. An awards ceremony will follow at 3:10 p.m.

For more information, please contact Rhetta Seymour at 618/453-4585 or rseymour@siu.edu
Individuals with disabilities are welcomed. Call 618/453-5738 to request accommodations.

Time	Title	Scholar Name and Faculty Mentor
9:15 a.m.	Opening Ceremony	
9:30 a.m.	Cranial morphology of the gray fox (<i>Urocyon cinereoargenteus</i>) in Southern Illinois	Angelica Bahena, zoology Dr. Justin Boyles, zoology
9:45 a.m.	The Relationship Between Development and Parental Communication for Deaf Individuals with Hearing Parents	Harleigh Williams, psychology Dr. Stephanie Dollinger, psychology
10 a.m.	First Generation College Students in Higher Education: Exploring the Role of Mentorship and How it Contributes to Undergraduate Persistence.	Frankie Anderson, social work Dr. Cynthia Sims, workforce education
10:15 a.m.	Working Canine Activity and Behavior Observations Under Three Types of Operational Conditions	Dakota Discepolo, animal science Dr. Erin Perry, animal science
10:30 a.m.	Break	
10:45 a.m.	The effects of repeated concussions on emotion regulation in mice	Carlesha Hines, psychology Dr. Michael Hylin, psychology
11 a.m. - noon.	Poster Forum, First Floor Rotunda, Morris Library	SI Bridges to the Baccalaureate
11 a.m.	Attitudes of College Students towards Individuals with Substance Use Disorders	Juan Corral, rehabilitation services Dr. D. Shane Koch, rehabilitation services
11:15 a.m.	Electronic Band Engineering of Two-Dimensional Cu-InSe	A. Dave Levsky, physics Dr. Thushari Jayasekera, physics
noon - 12:50 p.m.	Lunch Break	
1 p.m.	Factors Impacting Retention of First Generation Latino Students in Higher Education	Ana Hernandez, social work Dr. Elaine Jurkowski, social work
1:15 p.m.	The Relationship Between Photosynthesis and Desiccation in Bryophyta	Will Browning, plant biology Dr. Dale Vitt, plant biology
1:30 p.m.	The Transition and Challenges of Deaf Students from High School to College	Jacqueline Chavez, psychology Dr. Stephanie Dollinger, psychology
1:45	Break	
2 p.m.	Examining Permanence Issues for Children with Disabilities in Foster Care and Adoption Agencies in Illinois	Tierney Rhone, social work Dr. Patricia Saleeby, social work
2:15 p.m.	Comedic Realism: Richard Pryor and a Peek into Black Culture	Jamieson Deamer, cinema & photography Dr. Angela Aguayo, cinema & photography
2:30 p.m.	Perceptions of Privacy Through Generations	Xavier Aguirre, info systems technology Belle Woodward, info systems technology
2:45 p.m.	Symbiont regulation of host behavior in the <i>Euprymna scolopes</i> - <i>Vibrio fischeri</i> association	Izabella Bradford, microbiology Dr. Bethany Rader, microbiology
3 p.m.	Break	
3:10 p. m.	Closing Ceremony	