



PROGRAM SCHEDULE • THURSDAY, JULY 7, 2022

Brown Hall, Tarble Room • The Symposium will be livestreamed at lakeforest.edu/richter

CONTINENTAL BREAKFAST • 8:30 TO 9 A.M. • PASTRIES, FRESH FRUIT, COFFEE, AND TEA

MORNING SESSION I • 9 – 10:25 A.M.

TIME	RICHTER SCHOLAR	TITLE OF PRESENTATION	FACULTY MENTOR
9:00 a.m.	Emily Grace Bross	Student Success and Grade Distribution at Lake Forest College	Dr. Arthur Bousquet, Assistant Professor of Mathematics
9:25 a.m.	Hridey Kapoor and Amy Tram	Removing Environmentally Persistent Pharmaceuticals from Waste Water	Dr. Erica Schultz, Assistant Professor of Chemistry
9:55 a.m.	Katina Nicole Lucas	Evolutionary Trade-Offs and Sexual Selection in Beetles	Dr. Flavia Barbosa, Gustav E. Beerly, Jr. Assistant Professor of Biology

MORNING SESSION II • 10:30 A.M. – 11:55 P.M.

TIME	RICHTER SCHOLAR	TITLE OF PRESENTATION	FACULTY MENTOR
10:30 a.m.	Irene Faith Luwabelwa and Lilit Meloyan	Is the Expectation to “Man Up?”: The Impact of Gender and Gendered Language on Female Applicant Success	Dr. Cassandra Batz-Barbarich, Assistant Professor of Business
11:00 a.m.	Precious Adimabua and Thabisco Otis Moreti	Linguistic Practices, Education, and Development in Multilingual Africa	Dr. Desmond Odugu, Associate Professor of Education
11:30 a.m.	Ahmed Soltan	Visualizing Infertility	Tracy Taylor, Associate Professor of Art

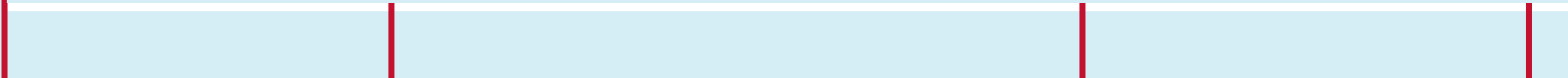
AFTERNOON SESSION I • 1:00 – 2:15 P.M.

TIME	RICHTER SCHOLAR	TITLE OF PRESENTATION	FACULTY MENTOR
1:00 p.m.	Teresa dos Santos Louro Alves Fernand and Daniel Jacob Tulchinskiy	Molecular Mechanisms of Injury-Induced Neurodegeneration	Dr. Rebecca Delventhal, Assistant Professor of Biology
1:30 p.m.	Kyle Andrew Lassen and Jia Zheng	The Fish Lateral Line System – Hair Cells to Behavior	Dr. Margot Schwalbe, Assistant Professor of Biology
2:00 p.m.	Petra Urgacova	The Cellular Consequence of Exceptionally Short Telomeres	Dr. Karen Kirk, Professor of Biology

AFTERNOON SESSION II • 2:35 – 4:30 P.M.

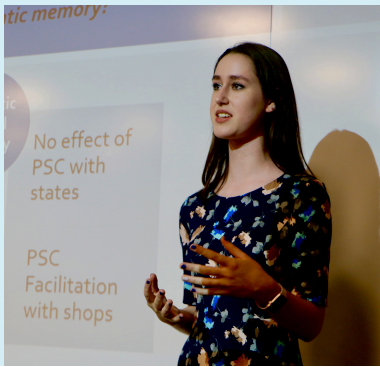
TIME	RICHTER SCHOLAR	TITLE OF PRESENTATION	FACULTY MENTOR
2:35 p.m.	Calliope A. Saban	Discovering Ants in the Lost Flora Fen!	Prof. Sean Menke, Associate Professor of Biology
3:05 p.m.	Stefanie Diana Dejneka and Piotr Szymon Pawlowicz	Cure Tuberculosis with Molecular Biology	Dr. William Conrad, Assistant Professor of Chemistry
3:35 p.m.	Chirag Aggarwal	Trends in the Programming World	Dr. Arthur Bousquet, Assistant Professor of Mathematics
4:00 p.m.	Nilufar M. Imomdodova and Isaiah Jaiden Ophir Moonlight	Examining the Role of the Family of Synucleins in Neurodegenerative Diseases Using Yeast Models	Dr. Shubhik DebBurman, Disque D. and Carol Gram Deane Professor of Biological Sciences

DINNER AND RECEPTION FOLLOWS IN THE CAFETERIA AT 5 P.M. • ALL ARE WELCOME



2022 RICHTER SCHOLARS

Option II Symposium



Thursday, July 7, 2022 • Brown Hall, Tarble Room

The Symposium will be livestreamed at lakeforest.edu/richter

For more information, please contact Professor Jim Marquardt at marquardt@lakeforest.edu.

All in-person attendees must wear face masks.

