



7 RIVERS

UNDERGRADUATE
RESEARCH SYMPOSIUM

QUICK REFERENCE

Friday, November 9, 2018



VITERBOUNIVERSITY



7 RIVERS

UNDERGRADUATE RESEARCH SYMPOSIUM

Seven Rivers Undergraduate Research Symposium

*Welcome to the 2018
Seven Rivers Undergraduate Research Symposium!*

This Quick Reference is designed to help you navigate and make the most of today's Symposium. In addition to the materials found here, you can find the complete Seven Rivers Abstract Book, Award Evaluation Criteria, Lists of Student Presenters and much more on our website: www.viterbo.edu/sevenrivers.

If you have questions at any point throughout the day, please come to the Help Table in the Fine Arts Center Lobby or approach a volunteer for assistance (with the green nametags).

Thank you and we hope you enjoy today's celebration of academic achievement!



VITERBO UNIVERSITY

Symposium Schedule

- 9:00-10:10am** **Registration** (*Fine Arts Center Atrium*)
- Light refreshments and breakfast will be provided.
 - Research and creative works posters may be set up at this time.
- 10:10am-11:20am** **Welcome and Keynote Address** (*Fine Arts Center Main Theater*)
- *Welcome*, Vice President of Academic Affairs Tracy Stewart
 - *Keynote Introduction*, Caitlin Fallon, Biopsychology '20
 - *Keynote address: Dr. Amit Sood*
 - **"Helping Twenty-First Century Brains: A Back-Stage View"**
 - *Closing and Event Reminders*, Colin Burns-Gilbert, Integrated Learning and Programs Coordinator
- 11:20am-12noon** **Break & Distribution of Lunches in the Fine Arts Center (FAC)**
- ** Lunch is provided for registered participants only ****
- Seating is available in the Fine Arts Center Main Theater Lobby, the Reinhart Center Boardroom, and the Nursing Center 195.
 - Research posters available for viewing in the Reinhart Center Boardroom, Main Theatre Lobby, & Nursing Center 195.
- 12noon-2:00pm** **Oral Presentations** (*Reinhart Center and School of Nursing Building*)
- Presentations consist of a 10-12 minute talk followed by 3-5 minutes for questions. There will be a 5-minute break between presentations.
 - Quick References are available at the Help Table; the Alphabetical Listing of Presenters, Abstract Book, and Assessment Criteria are available online at www.viterbo.edu/sevenrivers.
- 2:00-4:00pm** **Poster Sessions** (*Reinhart Center Boardroom, Fine Arts Center Main Theater Lobby, School of Nursing Room 195*)
- Research and creative works posters will be staffed by student researcher(s).
 - Odd-numbered posters will be staffed for the first hour and even-numbered posters will be staffed for the second hour.
- 4:00-4:30pm** **Awards Reception and Closing** (*Fine Arts Center Main Theater Lobby*)
- Join us for cake, punch, awards, and some relaxed time for socializing.



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Lunch Locations

*While you are free to eat your lunch wherever you like,
the following spaces have been set aside for you
(see the campus map on the back page):*

Fine Arts Center Main Theater Lobby

Reinhart Center Board Room

Nursing Center Room 195 and Lobby

*You are also encouraged to peruse the research posters set up in the
Reinhart Center Boardroom, the Fine Arts Center Lobby, and the
School of Nursing Room 195.*

*Please approach the Help Table or a Seven Rivers volunteer (with the
green nametags) if you have any questions.*



Presenters: Alphabetical by Last Name



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KEY: RCB=Reinhart Center Boardroom, MTL=Fine Arts Center Main Theatre Lobby, NRC = Nursing Center Room

<u>First Name</u>	<u>Last Name</u>	<u>Institution</u>	<u>Location</u>	<u>Type</u>	<u>Discipline</u>
Alethea	Bakogeorge	Viterbo University	MTL #22	Poster	Music Theatre
Josh	Balsgier	Saint Mary's University of Minnesota	RCB #10	Poster	Biology
Deijane	Banks	University of Wisconsin-Platteville	1pm in RC 130	Oral	Biology
Deijane	Banks	University of Wisconsin-Platteville	RCB #1	Poster	Biology
Hunter	Barry	Viterbo University	NRC 195 #38	Poster	Nursing
Janet	Bebo	University of Wisconsin-Eau Claire	12:40pm in NRC 104	Oral	Sociology
Jessie	Benson	Viterbo University	RCB #11	Poster	Biology
Bailey	Benson	Viterbo University	RCB #12	Poster	Biology
Lexi	Bird	Viterbo University	MTL #25	Poster	Psychology
Patrick	Bogard	Viterbo University	12:20pm in NRC 101	Oral	History
Ashley	Bohn	Viterbo University	NRC 195 #38	Poster	Nursing
Ben	Borash	Saint Mary's University of Minnesota	12:20pm in RC 130	Oral	Environmental Biology
Claire	Bowar	Viterbo University	NRC 195 #42	Poster	Nutrition
Nicole	Broz	Viterbo University	MTL #20	Poster	Ethics
Nicole	Broz	Viterbo University	12:40pm in RC 127	Oral	Biology
Jennifer	Cash	Viterbo University	NRC 195 #40	Poster	Nursing
Ryan	Cook	Luther College	MTL #26	Poster	Psychology
Hannah	Cowan	University of Wisconsin-La Crosse	1:40pm in NRC 101	Oral	Humanities
Amber	Drewek	Viterbo University	RCB #13	Poster	Mathematics
Allison	Dunne	Viterbo University	12noon in NRC 104	Oral	Psychology
Melissa	Edgar	Viterbo University	NRC 195 #39	Poster	Biology
Hannah	Erickson	Viterbo University	MTL #33	Poster	Criminal Justice

Hannah	Exner	University of Wisconsin-Platteville	RCB #3	Poster	Biomedical Engineering
Curtis	Felton	Winona State University	RCB #4	Poster	Biochemistry
Derek	Fuchsberger	Viterbo University	RCB #14	Poster	Biology
Benjamin	Gibson	Viterbo University	NRC 195 #37	Poster	Biology
Ben	Gibson	Viterbo University	12noon in NRC 101	Oral	History
Tyler	Gonzales	University of Wisconsin-Eau Claire	RCB #15	Poster	Mathematics
Tyler	Gonzales	University of Wisconsin-Eau Claire	1:40pm in RC 130	Oral	Mathematics
Julian	Grosskopf	University of Wisconsin-La Crosse	RCB #2	Poster	Biochemistry
Andres	Guerrero	University of Wisconsin-La Crosse	RCB #18	Poster	Biochemistry
Cali	Gurnicki	Viterbo University	MTL #28	Poster	Religious Studies
Amanda	Hemmersbach	Viterbo University	MTL #19	Poster	Education
Erin	Hettinger	Saint Mary's University of Minnesota	12noon in RC 130	Oral	Biology
Rebecca	Houge	Viterbo University	MTL #23	Poster	Humanities
Aubrie	Jacobson	Viterbo University	1pm in NRC 101	Oral	Music
Micaela	Julian	University of Wisconsin-La Crosse	1:40pm in NRC 104	Oral	Psychology
Ashley	Kast	Viterbo University	12:20pm in NRC 104	Oral	Social Psychology
Grant	Keane	University of Wisconsin-Eau Claire	RCB #15	Poster	Mathematics
Grant	Keane	University of Wisconsin-Eau Claire	1:40pm in RC 130	Oral	Mathematics
Sophia	Kero	University of Wisconsin-La Crosse	NRC 195 #45	Poster	Organic Chemistry
Haley	Kirchhoff	Viterbo University	12:20pm in RC 127	Oral	Environmental Biology
Austin	Kleman	Saint Mary's University of Minnesota	12:40pm in NRC 101	Oral	Psychology
Jolene	Lansin	Viterbo University	MTL #30	Poster	Social Work
Dawn	Lawry	University of Wisconsin-La Crosse	NRC 195 #35	Poster	Nuclear Medicine
Jack	Lazowski	University of Wisconsin-Eau Claire	RCB #15	Poster	Mathematics
Jack	Lazowski	University of Wisconsin-Eau Claire	1:40pm in RC 130	Oral	Mathematics
Mark	Leonard	Saint Mary's University of Minnesota	RCB #16	Poster	Biology
Jessica	Liebau	University of Wisconsin-Eau Claire	RCB #8	Poster	Biochemistry

Ellie	Lochner	University of Wisconsin-Eau Claire	RCB #15	Poster	Mathematics
Ellie	Lochner	University of Wisconsin-Eau Claire	1:40pm in RC 130	Oral	Mathematics
Levi	Orr	Viterbo University	MTL #24	Poster	Psychology
Carolyn	Payne	University of Wisconsin-Eau Claire	RCB #15	Poster	Mathematics
Carolyn	Payne	University of Wisconsin-Eau Claire	1:40pm in RC 130	Oral	Mathematics
Chi	Pham	Luther College	MTL #26	Poster	Psychology
Haley	Polin	Viterbo University	NRC 195 #38	Poster	Nursing
Sarah	Prill	Viterbo University	NRC 195 #46	Poster	Biology
Abigail	Propsom	Saint Mary's University of Minnesota	1:20pm in RC 127	Oral	Biology
Michele	Remer	Saint Mary's University of Minnesota	RCB #10	Poster	Biology
Maya	Richardson	Viterbo University	1:20pm in NRC 104	Oral	Activism
Angela	Riederer	Viterbo University	NRC 195 #43	Poster	Nutrition
Megan	Ripp	Viterbo University	MTL #24	Poster	Psychology
			MTL #27	Poster	
Damon	Schmalzriedt	Viterbo University	1:20pm in RC 130	Oral	Biology
Dani	Schmaus	Winona State University	RCB #5	Poster	Biochemistry
Kendal	Schmitz	Viterbo University	NRC 195 #41	Poster	Nutrition
Sydney	Schmutzer	Viterbo University	MTL #19	Poster	Education
Kristin	Schneider	Viterbo University	RCB #17	Poster	Biology
Erika	Schultz	Viterbo University	1pm in RC 127	Oral	Chemistry
James	Scoles	Viterbo University	NRC 195 #36	Poster	Biology
Emily	Seib	University of Wisconsin-La Crosse	NRC 195 #35	Poster	Nuclear Medicine
Emily	Seib	University of Wisconsin-La Crosse	12:40pm in RC 130	Oral	Nuclear Medicine
Brooklyn	Seiler	Viterbo University	NRC 195 #44	Poster	Nutrition
Kellie	Shaw	University of Wisconsin-La Crosse	NRC 195 #35	Poster	Nuclear Medicine
Aaron	Streed	University of Wisconsin-Stout	RCB #6	Poster	Biochemistry
Gage	Stuttgen	University of Wisconsin-LaCrosse	RCB #7	Poster	Biochemistry
Brian	Szto	Winona State University	12noon in RC 127	Oral	Agro-Ecology

Abby	Thurk	Viterbo University	MTL #29	Poster	Social Work
Abby	Thurk	Viterbo University	1pm in NRC 104	Oral	Social Work
Sam	Totsky	Viterbo University	NRC 195 #44	Poster	Nutrition
Claire	Trussoni	Viterbo University	1:20pm in NRC 101	Oral	English
Cole	Van Houten	Saint Mary's University of Minnesota	12noon in RC 130	Oral	Biology
Alexis	Vertein	Viterbo University	MTL #19	Poster	Education
Jory	Wagner	University of Wisconsin-Eau Claire	RCB #15	Poster	Mathematics
Jory	Wagner	University of Wisconsin-Eau Claire	1:40pm in RC 130	Oral	Mathematics
Sydney	Wallace	Viterbo University	MTL #34	Poster	Psychology
Katelyn	Weeks	University of Wisconsin-Eau Claire	RCB #8	Poster	Biochemistry
Andrew	Wegner	Viterbo University	RCB #9	Poster	Biochemistry
Abigail	Weighner	Viterbo University	NRC 195 #40	Poster	Nursing
Kyle	Wolmutt	University of Wisconsin-La Crosse	RCB #18	Poster	Biochemistry
Haotian	Wu	University of Wisconsin-Eau Claire	RCB #15	Poster	Mathematics
Haotian	Wu	University of Wisconsin-Eau Claire	1:40pm in RC 130	Oral	Mathematics
Houa	Yang	Viterbo University	MTL #31	Poster	Social Work



Poster Session By Room and Poster Number



KEY: RCB=Reinhart Center Boardroom, MTL=Fine Arts Center Main Theatre Lobby

NRC 195 = Nursing Center Room 195

<u>Room</u>	<u>Poster #</u>	<u>First Name</u>	<u>Last Name</u>	<u>Institution</u>	<u>Discipline</u>
RCB	1	Deijane	Banks	UW-Platteville	Biology
RCB	2	Julian	Grosskopf	UW-La Crosse	Biochemistry
RCB	3	Hannah	Exner	UW-Platteville	Biomedical Engineering
RCB	4	Curtis	Felton	Winona State University	Biochemistry
RCB	5	Dani	Schmaus	Winona State University	Biochemistry
RCB	6	Aaron	Streed	UW-Stout	Biochemistry
RCB	7	Gage	Stuttgen	UW-La Crosse	biochemistry
RCB	8	Katelyn	Weeks	UW-Eau Claire	Biochemistry
RCB	8	Jessica	Liebau	UW-Eau Claire	Biochemistry
RCB	9	Michele	Remer	Saint Mary's University	Biology
RCB	9	Josh	Balsgier	Saint Mary's University	Biology
RCB	10	Andrew	Wegner	Viterbo University	Biochemistry
RCB	11	Jessie	Benson	Viterbo University	Biology
RCB	12	Bailey	Benson	Viterbo University	Biology
RCB	13	Amber	Drewek	Viterbo University	Mathematics
RCB	14	Derek	Fuchsberger	Viterbo University	Biology
RCB	15	Haotian	Wu	UW-Eau Claire	Mathematics
RCB	15	Carolyn	Payne	UW-Eau Claire	Mathematics
RCB	15	Tyler	Gonzales	UW-Eau Claire	Mathematics

RCB	15	Jory	Wagner	UW-Eau Claire	Mathematics
RCB	15	Grant	Keane	UW-Eau Claire	Mathematics
RCB	15	Ellie	Lochner	UW-Eau Claire	Mathematics
RCB	15	Jack	Lazowski	UW-Eau Claire	Mathematics
RCB	16	Mark	Leonard	Saint Mary's University	Biology
RCB	17	Kristin	Schneider	Viterbo University	Biology
RCB	18	Andres	Guerrero	UW-La Crosse	Biochemistry
RCB	18	Kyle	Wolmuth	UW-La Crosse	Biochemistry
MTL	**				
MTL	19	Amanda	Hemmersbach	Viterbo University	Education
MTL	19	Alexis	Vertein	Viterbo University	Education
MTL	19	Sydney	Schmutzer	Viterbo University	Education
MTL	20	Nicole	Broz	Viterbo University	Ethics
MTL	22	Alethea	Bakogeorge	Viterbo University	Music Theatre
MTL	23	Rebecca	Houge	Viterbo University	Humanities
MTL	24	Levi	Orr	Viterbo University	Psychology
MTL	24	Megan	Ripp	Viterbo University	Psychology
MTL	25	Lexi	Bird	Viterbo University	Psychology
MTL	26	Chi	Pham	Luther College	Psychology
MTL	26	Ryan	Cook	Luther College	Psychology
MTL	27				
MTL	28	Cali	Gurnicki	Viterbo University	Religious Studies
MTL	29	Abby	Thurk	Viterbo University	Social Work
MTL	30	Jolene	Lansin	Viterbo University	Social Work
MTL	31	Houa	Yang	Viterbo University	Social Work

MTL	32				
MTL	33	Hannah	Erickson	Viterbo University	Criminal Justice
MTL	34	Sydney	Wallace	Viterbo University	Psychology
NRC	**				
NRC 195	35	Emily	Seib	UW-La Crosse	Nuclear Medicine
NRC 195	35	Kellie	Shaw	UW-La Crosse	Nuclear Medicine
NRC 195	35	Dawn	Lawry	UW-La Crosse	Nuclear Medicine
NRC 195	36	James	Scoles	Viterbo University	Biology
NRC 195	37	Benjamin	Gibson	Viterbo University	Biology
NRC 195	38	Hunter	Barry	Viterbo University	Nursing
NRC 195	38	Ashley	Bohn	Viterbo University	Nursing
NRC 195	38	Haley	Polin	Viterbo University	Nursing
NRC 195	39	Melissa	Edgar	Viterbo University	Biology
NRC 195	40	Jennifer	Cash	Viterbo University	Nursing
NRC 195	40	Abigail	Weighner	Viterbo University	Nursing
NRC 195	41	Kendal	Schmitz	Viterbo University	Nutrition
NRC 195	42	Claire	Bowar	Viterbo University	Nutrition
NRC 195	43	Angela	Riederer	Viterbo University	Nutrition
NRC 195	44	Brooklyn	Seiler	Viterbo University	Nutrition
NRC 195	44	Sam	Totsky	Viterbo University	Nutrition
NRC 195	45	Sophia	Kero	UW-La Crosse	Organic Chemistry
NRC 195	46	Sarah	Prill	Viterbo University	Biology



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Oral Presentations By Room



VITERBOUNIVERSITY

KEY: RC=Reinhart Center, NRC = Nursing Center

<u>Time Slot</u>	<u>Room</u>	<u>First Name</u>	<u>Last Name</u>	<u>Institution</u>
12noon	NRC 101	Patrick	Bogard	Viterbo University
12:20pm	NRC 101	Benjamin	Gibson	Viterbo University
12:40pm	NRC 101	Austin	Kleman	Saint Mary's University
1pm	NRC 101	Aubrie	Jacobson	Viterbo University
1:20pm	NRC 101	Claire	Trussoni	Viterbo University
1:40pm	NRC 101	Hannah	Cowan	UW-La Crosse
12noon	NRC104	Allison	Dunne	Viterbo University
12:20pm	NRC104	Ashley	Kast	Viterbo University
12:40pm	NRC104	Janet	Bebo	UW-Eau Claire
1pm	NRC104	Abby	Thurk	Viterbo University
1:20pm	NRC104	Maya	Richardson	Viterbo University
1:40pm	NRC104	Micaela	Julian	UW-La Crosse
12noon	RC 127	Brian	Szto	Winona State University
12:20pm	RC 127	Haley	Kirchoff	Viterbo University
12:40pm	RC 127	Nicole	Broz	Viterbo University
1pm	RC 127	Erika	Schultz	Viterbo University
1:20pm	RC 127	Abigail	Propsom	Saint Mary's University
1:40pm	RC 127	--	--	--
12noon	RC 130	Erin	Hettinger	Saint Mary's University
12noon	RC 130	Cole	Van Houter	Saint Mary's University
12:20pm	RC 130	Ben	Borash	Saint Mary's University
12:40pm	RC 130	Emily	Seib	UW-La Crosse
1pm	RC 130	Deijane	Banks	UW-Platteville
1:20pm	RC 130	Damon	Schmalzriedt	Viterbo University
1:40pm	RC 130	Haotian	Wu	UW-Eau Claire
1:40pm	RC 130	Carolyn	Payne	UW-Eau Claire
1:40pm	RC 130	Tyler	Gonzales	UW-Eau Claire
1:40pm	RC 130	Jory	Wagner	UW-Eau Claire
1:40pm	RC 130	Grant	Keane	UW-Eau Claire
1:40pm	RC 130	Ellie	Lochner	UW-Eau Claire
1:40pm	RC 130	Jack	Lazowski	UW-Eau Claire



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On behalf of the Seven Rivers Undergraduate Research Symposium, we'd like to take this opportunity to express our gratitude to the following people/groups for making this event a reality:

- **Aramark Services and Mary Simota**
- **All Fine Arts Center Staff: specifically Bridget Misch, Jack Hamilton, & Danita Doerre**
- **Copy Center Staff and Karen Hurtgen**
- **All Student and Staff/Faculty Volunteers, Judges, Facilitators, and Poster Session Coordinators**
- **Dr. Tracy Stewart and Caitlin Fallon for their introductions**
- **Dr. Amit Sood and Nicole Van Ert**
- **Chris Sanger from Institutional Advancement and our generous benefactors**
- **R. Charles Lawrence and the Viterbo Summer Undergraduate Research Fellowship program**
- **And most importantly, all contributing Student Researchers/Presenters, including the faculty mentors who have supported them along the way**

THANK YOU!

900 Viterbo Drive
La Crosse, WI 54601
608-796-3000
1-800-VITERBO
www.viterbo.edu



VITERBO
UNIVERSITY

MARKET STREET

10TH STREET

9TH STREET

8TH STREET



Park here—left side only!

Park here—left side only!

Parking Lot G

Parking Lot C

Parking Lot R

Parking Lot M

Parking Lot J

Parking Lot I

Parking Lot A

VITERBO DR.

ALLEY

ALLEY

ALLEY

ALLEY

ALLEY

TREACY HOUSE

Parking Lot D

BONAVENTURE HALL

Dining Hall
Bookstore

STUDENT UNION

MARIAN COURTYARD

MCDONALD TERRACE

Residence Life

MARIAN HALL

ROSE TERRACE

CLARE APARTMENTS

Underground
Parking Lot P

Parking Lot K

PHYSICAL PLANT

WINNEBAGO ST.

Parking Lot Q

Parking Lot N

Parking Lot L

CANTICLE HOUSES

Parking Lot F

FRANCISCAN

MURPHY CENTER

HR
Registrar
Business Office
Financial Aid

Library

Einstein Bros.
Bagels at Franny's

STUDENT DEVELOPMENT CENTER

SAN DAMIANO CHAPEL

BROPHY CENTER

Dahl School of Business

ASSISI COURTYARD

MISSISSIPPI STREET

VITERBO DRIVE

Color Key

- Academic/
Administrative
Buildings
- Athletics Buildings
- FSPA Buildings
- Parking Lots
- Residence Halls
- Student Services

Park here

Park here

Park here

Park here

Event Registration

JACKSON STREET

JULY 2017