

# Short Term Outcomes for Spring Conference Participants

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# URaCE Spring Conference Annual Report 2019-2024

This analysis reviewed one-semester metrics of undergraduates who presented in URaCE's annual spring research conference, formerly ReSearch Dialogues. Outcomes in credit hours earned, GPA, and retention to fall were compared to undergraduates who did not participate within the same timeframe. Group sizes are listed in Table 1; Demographic breakouts can be found in Appendices I through III.

*Table 1. Group Size of Spring Conference Undergraduates and Non-Participants: Spring 2019 through 2024<sup>1</sup>*

Spring Term	Spring Conference Presenters	Undergraduate Non-Participants
2019	227	8,855
2021	150	8,960
2022	158	8,758
2023	213	8,565
2024	372	8,600
<b>Grand Total</b>	<b>1,120</b>	<b>43,738</b>

<sup>1</sup>ReSearch Dialogues was not held in Spring 2020 due to the COVID-19 pandemic



# Credit Hours Earned Ratio Outcomes

Compared to undergraduates who did not participate, research conference undergraduates demonstrated improved performance each spring. On average, conference presenters completed nearly two more hours per term than other undergraduates (Figures 1 & 2). This increased number of credits earned led to a seven percent higher ratio of credits attempted to credits earned when compared to the non-participating group.

Figure 1. Spring Credit Hours Attempted and Earned by Spring Conference Participation: 2019-2024

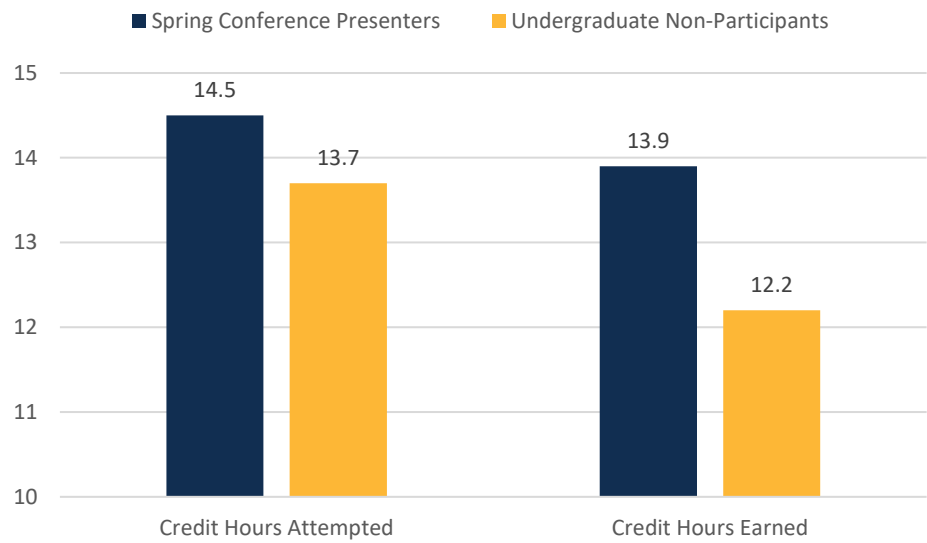
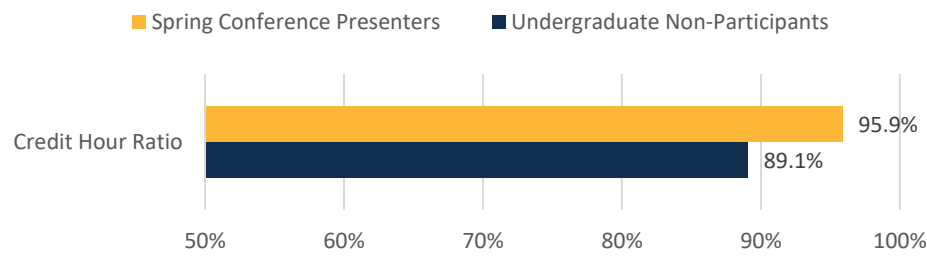
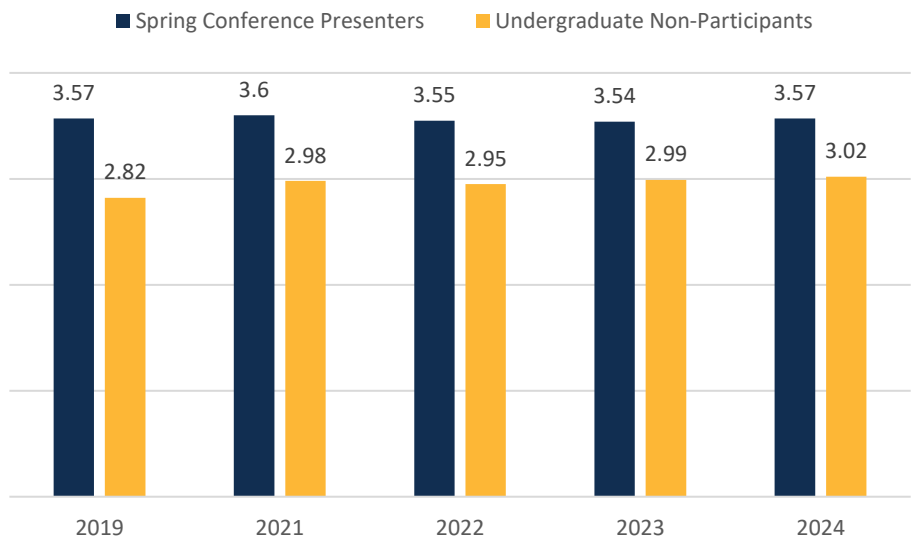


Figure 2. Spring Earned Credit Hour Ratio: 2019-2024



# Term GPA Outcomes

Figure 3. Average Spring GPA by Spring Conference Participation: 2019-2024

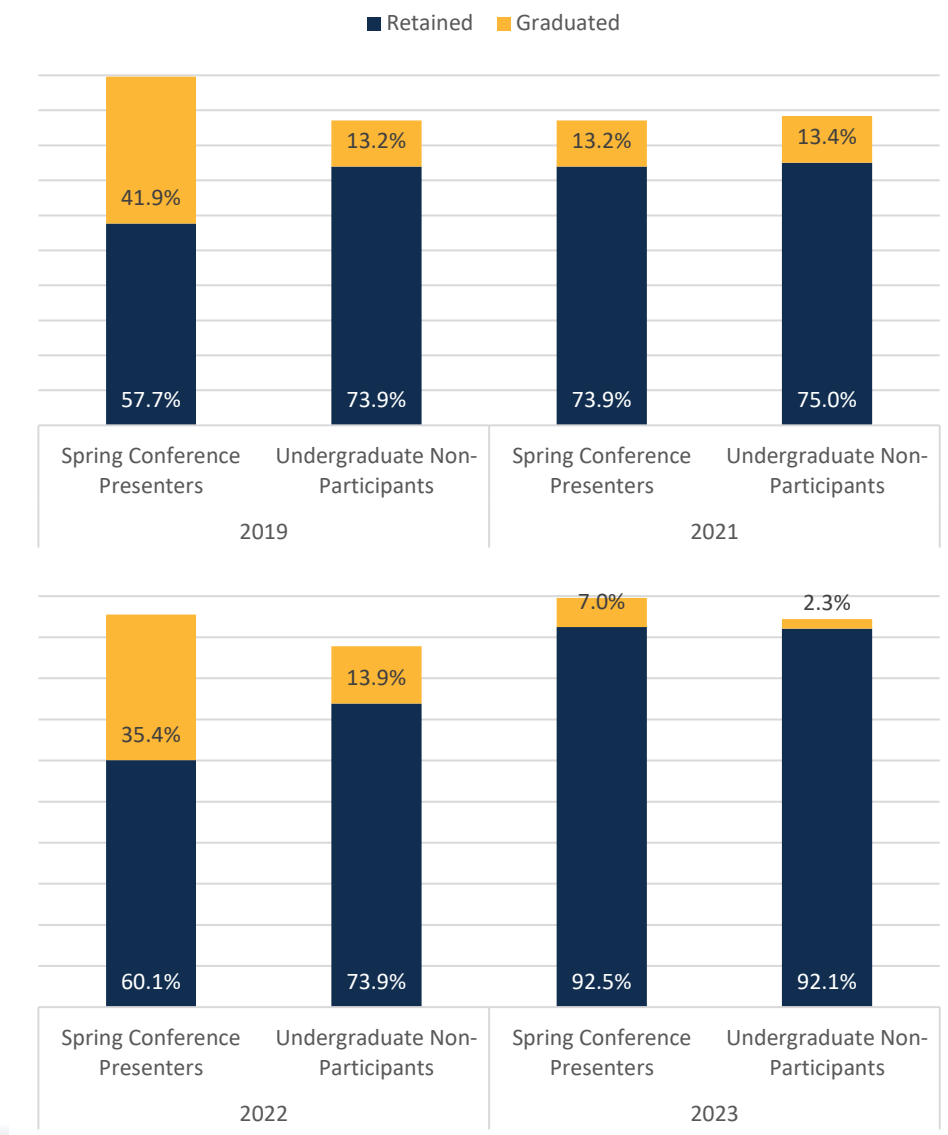


Conference presenters saw similar trends in their GPA each year. Presenters ended spring with an average term GPA of 3.57. Meanwhile, non-participating undergraduates earned an average of 2.95, as shown in Figure 3.

## Spring-to-Fall Retention and Graduation Outcomes

Figure 4. Spring-to-Fall Retention and Graduation by Spring Conference Participation: 2019-2023

Spring Conference presenters showed improved performance in the proportion of students retained to or graduated by fall compared to all other undergraduates. On average, 98 percent of participating undergraduates graduated or returned the subsequent fall term, a nine percent difference to non-participating undergraduates (Figure 4). Breakouts by race/ethnicity, student classification, and primary college are provided in Appendices I through III.



# Appendix

## I. Headcount and Spring-to-Fall Retention and Graduation Rates by Race/Ethnicity: 2019-2023, 1/2

Term	Group	Spring Conference Presenters			Undergraduate Non-Participants		
		N	Retained	Graduated	N	Retained	Graduated
2019	Asian	12	41.7%	58.3%	233	76.8%	13.7%
	Black or African American	13	23.1%	76.9%	863	71.7%	9.6%
	Hispanic	12	58.3%	41.7%	455	74.9%	11.9%
	Two or More Races	13	46.2%	53.8%	258	67.4%	18.6%
	White	173	60.7%	38.7%	6,797	74%	13.8%
	Other <sup>2</sup>	1	100%	0%	33	66.7%	9.1%
	Unknown	4	100%	0%	216	81.5%	6.5%
2021	Asian	6	50%	50%	279	80.6%	11.8%
	Black or African American	24	62.5%	37.5%	867	75.7%	11.9%
	Hispanic	15	73.3%	26.7%	522	75.1%	11.7%
	Two or More Races	4	50%	50%	197	69.5%	14.2%
	White	95	55.8%	42.1%	6,764	74.8%	13.9%
	Other	0	-	-	29	69%	13.8%
	Unknown	6	83.3%	0%	302	77.2%	11.9%

<sup>2</sup>Other includes American Indian, Alaska Native, Native Hawaiian, or Other Pacific Islander. These categories were combined to protect students from being identified.

*I. Headcount and Spring-to-Fall Retention and Graduation Rates by Race/Ethnicity: 2019-2023, 2/2*

Term	Group	Spring Conference Presenters			Undergraduate Non-Participants		
		N	Retained	Graduated	N	Retained	Graduated
2022	Asian	5	80%	0%	283	73.9%	15.2%
	Black or African American	20	60%	40%	838	71.7%	13.6%
	Hispanic	8	37.5%	50%	559	72.5%	12.2%
	Two or More Races	5	60%	40%	227	73.6%	11.5%
	White	117	61.5%	34.2%	6,573	74.5%	14%
	Other	0	-	-	32	78.1%	9.4%
	Unknown	3	33.3%	66.7%	246	70.3%	17.1%
2023	Asian	9	77.8%	11.1%	345	95.1%	1.2%
	Black or African American	23	100%	0%	946	91.5%	3.1%
	Hispanic	17	88.2%	11.8%	525	95.4%	2.3%
	Two or More Races	4	100%	0%	31	96.8%	0%
	White	153	92.8%	7.2%	6,357	93.4%	2.3%
	Other	0	-	-	60	95%	1.7%
	Unknown	7	85.7%	14.3%	301	56.8%	2%

**II. Headcount and Spring-to-Fall Retention and Graduation Rates by Student Classification: 2019-2023**

Term	Group	Spring Conference Presenters			Undergraduate Non-Participants		
		N	Retained	Graduated	N	Retained	Graduated
2019	Freshman	0	-	-	2,528	78.2%	0%
	Sophomore	14	100%	0%	1,932	88.2%	0%
	Junior	35	100%	0%	2,185	86.7%	5.4%
	Senior	178	46.1%	53.4%	2,210	43.8%	47.7%
2021	Freshman	1	100%	0%	2,388	81%	0%
	Sophomore	4	75%	0%	2,080	90.2%	0%
	Junior	17	100%	0%	2,243	87.5%	4.5%
	Senior	128	53.1%	45.3%	2,249	42.2%	49%
2022	Freshman	7	57.1%	0%	2,293	78.2%	0%
	Sophomore	7	100%	0%	1,950	87.5%	0%
	Junior	23	100%	0%	2,288	89%	4.3%
	Senior	121	50.4%	46.3%	2,227	42.1%	50.1%
2023	Freshman	6	100%	0%	943	90%	0%
	Sophomore	12	100%	0%	1,901	94.4%	0%
	Junior	36	97.2%	0%	1,865	92.4%	0%
	Senior	159	90.6%	9.4%	3,856	91.4%	5.2%



### III. Headcount and Spring-to-Fall Retention and Graduation Rates by College: 2019-2023

Term	Group	Spring Conference Presenters			Undergraduate Non-Participants		
		N	Retained	Graduated	N	Retained	Graduated
2019	College of Arts and Sciences	108	58.3%	40.7%	3,323	73%	15%
	College of Engineering and Computer Science	41	65.9%	34.1%	1,210	76%	12.6%
	College of Health, Education, and Professional Studies	75	52%	48%	2,156	72.5%	12.5%
	Rollins College of Business	3	66.7%	33.3%	1,822	75.4%	13.7%
2021	College of Arts and Sciences	86	60.5%	37.2%	3,280	74%	15.1%
	College of Engineering and Computer Science	24	75%	20.8%	1,281	75.4%	13.5%
	College of Health, Education, and Professional Studies	36	41.7%	58.3%	2,277	74.9%	12.3%
	Rollins College of Business	4	100%	0%	1,756	75.9%	14.5%
2022	College of Arts and Sciences	86	72.1%	23.3%	3,249	71.6%	16.4%
	College of Engineering and Computer Science	32	62.5%	34.4%	1,250	78.1%	11.8%
	College of Health, Education, and Professional Studies	35	28.6%	71.4%	2,140	73.3%	13.6%
	Rollins College of Business	3	100%	0%	1,741	75.2%	13.8%
	No College Designated	2	0%	0%	378	77.5%	0%
2023	College of Arts and Sciences	115	93%	6.1%	3,273	92.9%	2.4%
	College of Engineering and Computer Science	48	93.8%	6.3%	1,268	92%	1%
	College of Health, Education, and Professional Studies	42	90.5%	9.5%	2,042	90.8%	3.5%
	Rollins College of Business	8	87.5%	12.5%	1,769	92.3%	2%