



## Research Brief: IUPUI Profiles Mapped to NSSE 2018 Perceived Gains

The Profiles of Learning for Undergraduate Success provides a framework to define learning outcomes that every undergraduate student at IUPUI should attain by the time they graduate. The profiles consist of four categories that define characteristics of an IUPUI graduate: Communicator, Problem Solver, Innovator, and Community Contributor. Descriptors for each of the four categories can be found below.

Communicator	Problem solver
<ul style="list-style-type: none"> <li>Evaluates information</li> <li>Listens actively</li> <li>Builds relationships</li> <li>Convey ideas effectively</li> </ul>	<ul style="list-style-type: none"> <li>Thinks critically</li> <li>Collaborates</li> <li>Analyzes, synthesizes, and evaluates</li> <li>Perseveres</li> </ul>
Innovator	Community contributor
<ul style="list-style-type: none"> <li>Investigates</li> <li>Creates/designs</li> <li>Confronts challenges</li> <li>Makes decisions</li> </ul>	<ul style="list-style-type: none"> <li>Builds community</li> <li>Respectfully engages own and other cultures</li> <li>Behaves ethically</li> <li>Anticipates consequences</li> </ul>

The National Survey of Student Engagement (NSSE) includes a series of items which asks students to indicate how much their institution has contributed to their knowledge, skills, and personal development in several specific areas. These are designed to measure students' attitudes toward the learning they have received from their institution, rather than serve as an actual measure of the amount of information learned. As such, these should be interpreted as an indirect measure of students' perceptions of their learning, which can provide additional context for interpreting data from direct assessments. This report compares 2018 IUPUI and IUPUC senior student responses to seniors from three comparison groups, IUPUI official peers, all research institutions, and all seniors who completed the NSSE survey.

**Areas of strength:** Areas where IUPUI -Indianapolis seniors report higher institutional contribution than students at all three comparison groups.

- Working effectively with others (Communicator)
- Solving complex, real-world problems (Problem Solver)
- Acquiring job- or work-related knowledge and skills (Innovator)
- Developing or clarifying a personal code of values and ethics (Community Contributor)
- Understanding people of other backgrounds (Community Contributor)

**Assets to protect:** Areas where IUPUI Indianapolis seniors report higher institutional contribution than at least one comparison groups.

- Speaking clearly and effectively (Communicator)
- Thinking critically and analytically (Problem Solver)
- Analyzing numerical and statistical information (Problem Solver)
- Being an active and informed citizen (Community Contributor)

**Issues to be mindful of:** Areas where IUPUI students scored lower than one or more comparison groups.

- Writing clearly and effectively (Communicator)



<u>Senior Students</u> <i>How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</i>	IUPUI			IUPUC			IUPUI Official Peers		All Public Doctoral		All NSSE	
	<i>N</i>	<i>Mean</i>	<i>SD</i>	<i>N</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>
<b>Communicator</b>												
Writing clearly and effectively <sup>3</sup>	772	2.96	0.87	70	3.13	0.78	2.84*	0.92	2.93	0.91	2.99*	0.88
Speaking clearly and effectively <sup>2</sup>	770	2.90	0.92	70	3.01	0.93	2.77*	0.96	2.87	0.94	2.90	0.93
Working effectively with others <sup>1</sup>	769	3.14	0.84	71	3.25	0.82	2.96*	0.90	3.02*	0.89	3.01*	0.89
<b>Problem Solver</b>												
Thinking critically and analytically <sup>2</sup>	772	3.34	0.76	71	3.39	0.73	3.22*	0.82	3.26*	0.80	3.28	0.79
Solving complex real-world problems <sup>1</sup>	768	2.90	0.92	71	2.90	0.91	2.78*	0.96	2.80*	0.96	2.79*	0.95
Analyzing numerical and statistical information <sup>2</sup>	773	2.88	0.95	71	2.73	1.03	2.90	0.96	2.91	0.96	2.84*	0.98
<b>Innovator</b>												
Acquiring job- or work-related knowledge and skills <sup>1</sup>	772	2.99	0.94	70	3.09	0.90	2.81*	0.99	2.87*	0.98	2.88*	0.97
<b>Community Contributor</b>												
Developing or clarifying a personal code of values and ethics <sup>1</sup>	769	2.86	0.99	71	2.96	0.92	2.72*	1.00	2.76*	1.00	2.81	0.98
Understanding people of other backgrounds <sup>1</sup>	771	2.98	0.93	71	3.13	0.91	2.85*	0.97	2.82*	0.98	2.82*	0.97
Being an informed and active citizen <sup>2</sup>	771	2.72	0.99	70	2.79	0.92	2.63*	1.00	2.65	1.00	2.69	0.99

1= Very little, 2= Some, 3= Quite a bit, 4= Very much

\* effect size greater than .05 (comparisons made to IUPUI)

<sup>1</sup> areas of strength

<sup>2</sup> assets to protect

<sup>3</sup> issues to be mindful of