

2015-2016 ANNUAL REPORT

COMMUNITY-BASED LEARNING AND RESEARCH

UNIVERSITY of WASHINGTON BOTHELL

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B CUSP 133: STEM Living Learning with Pacific Science Center

OFFICE OF COMMUNITY-BASED LEARNING AND RESEARCH

MISSION:

The Office of Community-Based Learning and Research (CBLR) holds as its mission the advancement of mutually beneficial relationships between the university and the extra-campus community through community-based learning and research for the purposes of education and growth among all involved parties. CBLR supports the University of Washington Bothell in its mission to be a "transformational learning community," to "serve as a catalyst to enhance quality of life throughout our region," and foster a "dynamic community of multicultural learning."

WHAT ARE COMMUNITY-BASED LEARNING COURSES?

A credit-bearing educational experience in which students participate in an organized activity (direct service, research, creative process, advocacy, consulting) in collaboration with a community entity (organization, industry, business, K-12 schools, local government) for the purpose of mutual beneficial exchange of knowledge and resources in a context of partnership and reciprocity (adapted from Bringle and Hatcher (1996) & the Carnegie Foundation for the Advancement of Teaching)

2015–16 COMMUNITY-BASED LEARNING AND RESEARCH BY THE NUMBERS

CBLR COURSES



UNDERGRADUATE GRADUATE 89 cblr courses, 1275 students participated in cblr courses, 109 community organization partnered with community-based learning courses, and 53 faculty taught community-based learning courses.

1275 STUDENT

students participated in community-based learning courses (non-duplicate)



COMMUNITY ORGANIZATION



109

community organizations partnered with community-based learning courses

> faculty taught community-based learning courses

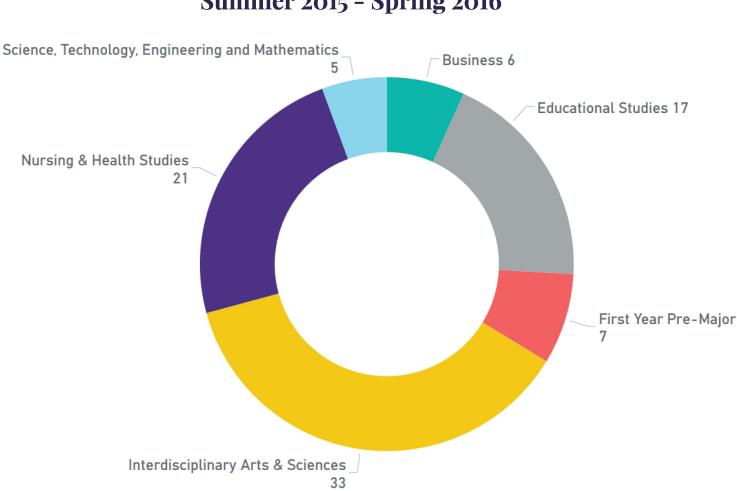
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FACULTY



CBLR COURSES BY SCHOOL

The Office of Community–Based Learning and Research makes multiple attempts to count all CBLR courses in every school on campus. Currently, an annual undergraduate "course count" is conducted during summer quarter through the Provosts survey on undergraduate research, public service, and internships, which goes out to all faculty. We also use EXPO as a tool to track courses and partnerships. EXPO is an online database where community partners input community–based learning and research opportunities for pre–selected CBLR courses. EXPO allows students, faculty, and community partners to organize, disseminate information, and connect with each other. Through this process, we correspond with individual faculty. It is still likely that there are courses and partnerships missing from this data.



CBLR courses taught within each school Summer 2015 – Spring 2016

The Office of Community–Based Learning and Research asks faculty to draw upon the definition of CBLR courses to determine whether their courses should be considered in the count.

COMMUNITY PARTNERS

We give thanks to our community partners (local government, non-profits, schools, businesses, and internal UW Bothell departments) that worked with CBLR courses over the 2015–2016 academic year.

- ► 21 Acres
- ► Alliance for a Just Society
- ► Black Prisoners Caucus, Callam Bay
- Bothell Community Kitchen,
 Bothell United Methodist Church
- Bothell Municipal Court
- Carbon Washington
- Center for Human Services
- City of Bothell
- City of Kenmore
- Cocoon House
- Coding with Kids
- Community Alliance for Global Justice
- Community Initiatives for Visiting Immigrants in Confinement(CIVIC)
- Domestic Violence Services of Snohomish County
- Downtown Emergency Service Center(DESC)
- EarthCorps
- Edmonds School District
- Einstein Middle School
- El Centro de la Raza
- Empower
- Everest Park, Kirkland
- Everett Gospel Mission
- Everett High School
- Farmer Frog
- Fred Hutchinson Cancer Research Center
- Friends of the North Creek Forest
- Friends of Tostan
- Friends of Youth
- ► Full Life Care
- Green Kirkland Partnership

- Henry Jackson High School, AVID
- ► Hidden River Middle School
- Incarcerated Mothers Advocacy Project
- Ingersoll Gender Center
- Inter IM Community Development Association
- International Examiner
- ► Issaquah School District -VOICE
- iUrban Teen
- Jewish Family Service
- ► King County Information Technology
- King County Metro
- King County Prosecuting Attorney's Office
- ► Korean Women's Association
- ► La Raza del Noroeste
- Latino Education Traning Institute(LETI)
- Lifelong AIDS Alliance
- LINKS (Looking into the Needs of Kids and Schools)
- Lutheran Community Services Northwest
- Mary's Place
- ► Meadowbrook Community Care
- MoreThanA Farm
- NAMI Eastside
- ► NAMI Greater Seattle
- NewCastle News/SnoValley Start, Issaquah Press
- North Helpline
- Northshore Community Schools of Northshore School District
- ► Northshore Senior Center

Community Partners Continued...

- Northshore Wranglers
- Northshore YMCA
- Northwest Film Forum
- Out in Front
- Olympic Hills Elementary
- Pacific Science Center
- Planned Parenthood Votes Northwest
- Powerful Voices
- P-Patch Community Gardening Program, City of Seattle Dept. of Neighborhoods
- Providence Regional Medical Center
- Puget Soundkeeper Alliance
- Ravena Park
- Real Change
- Redmond Reporter
- Roosevelt High School
- Seattle Children's Hospital—Alyssa Burnett Adult Life Center
- ► Seattle Children's Hospital, Bellevue
- Seattle Gospel Mission
- Seattle NOW
- Seattle Parks & Recreation: Youth Employment and Service Learning Unit
- Snohomish County Department of Public Works
- Snohomish Health Leadership Coalition
- ► Snohomish County—Superior Court
- Snohomish Fire Department
- Solid Ground
- ► Songaia Cohousing Community
- Sound Salmon Solutions
- Statewide Poverty Action Network(SPAN)
- Sustainable Agriculture Education Collaborative (SAGE)
- Sustainable Seattle
- ► Teledyne BlueView
- ► The Sophia Way

- Turning Point
- United Way of King County
- University Beyond Bars
- University Family YMCA
- UW Farm
- ► UW School of Oceanography
- ► UW Bothell/Cascadia Grounds & Wetlands
- ► UW Bothell—Digital Futures Lab
- ► Verdant Community Health
- Village Volunteers
- Volunteer Chore Services, Catholic Community Services of Western Washington
- Voyager Middle School
- Washington Coalition for Parole
- Washington Physicians for Social Responsibility (WPSR)
- Washington Trail Association
- ► WithinReach
- ► Woodland Zoo
- Woodmoor Elementary
- ► Young Women Empowered
- Youth Tutoring Program
- ► YWCA of Snohomish County
- ► YWCA of King County



Friends of North Creek Forest

CBLR Faculty-Staff Fellowship 2015-2016

micha cárdenas, Ph.D.

School of Interdisciplinary Arts & Sciences Project: Unstoppable

Steven W. Collins, Ph.D., P.E.

School of STEM Project: Educating Citizen Engineers through Community-Based Learning & Research

Shannon Cram, Ph.D.

School of Interdisciplinary Arts & Sciences Project: Hanford Nuclear Reservation Community-Engaged Work

Claire Peinado Fraczek, Ph.D.

Office of Academic Affairs Project: Building a Learning Community of Practice

Charity Flener Lovitt, Ph.D.

School of STEM Project: Science and Technology Living Learning Community & the Pacific Science Center

Debra Hildebrand, MBA, PMP

School of Business Project: Quantitative Project Management Methodologies & Nonprofit Organizations

Maura Shelton, Ph.D.

School of Business/First Year & Pre-Major And

Cleo Neuclae, M.S.

School of Education/First Year & Pre-Major Project: Valuing Our Community's Ecosystems

Victoria Breckwich Vásquez, DrPH, MPH, MA

School of Nursing & Health Studies Project: Partnership Development & Undergraduate Research, Latin@Health Initiative

About CBLR Fellowship

The purpose of the yearlong Community-Based Learning and Research Faculty and Staff Fellowship is to significantly enhance the capacity of UW Bothell faculty and staff to offer courses, facilitate programs, and conduct research that directly engages the university with communities in ways that are valued by the academy and its community partners. Fellows have the opportunity to create or extend community-based work in courses, professional practice, and conduct innovative community-based research.



Latinx Community Assessment project co-lead by Vicky Breackwich Vasquez & Claire Peinado Fraczek



Unstoppable produced by micha cárdenas

The University of Washington Bothell received a grant from the American Association of Colleges and Universities (AAC&U) in 2010. A component of this study is a student post survey. The Office of Community-Based Learning and Research administers a survey to all of our students in CBLR courses at the end of each quarter. For the 2014–2015 year, 18% of students who received the survey responded to the survey. The data was collected via an online Catalyst survey distributed to CBLR students after the completion of a community-based learning course. Only students in CBLR courses using EXPO received the survey. Questions focus on four areas: Civic Engagement, Academic Learning, Psychological Well-Being, and Professional Development. The next four pages reflect the individual student survey responses



Mechanical Engineering Capstone Cooler 21 Acres , SAgE Farm, Viva Farms

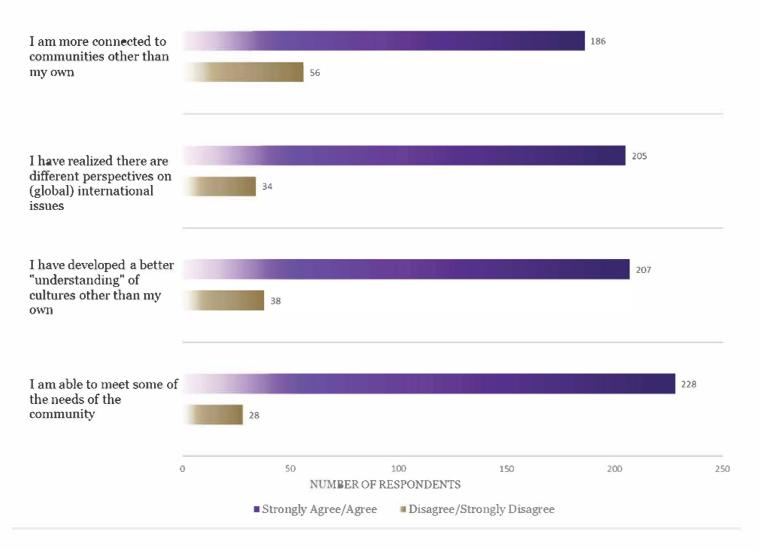
"If it had purely been a course requiring only reading, writing and testing, then students...would have felt the issues facing global society were too large to surmount. The opportunity to then investigate, design and potentially implement sustainable solutions in our local community served to reinforce that there are steps that an engineer can do to make an impact."

- Mechanical Engineer Student in BME 481: The Citizen Engineer

Civic Engagement

Civic Engagement measured the extent to which students felt part of a larger collective and collaborative activity aimed to contribute to the larger society (as cited in Adler, 2005). It was measured using 4 items ranging from strongly agree to strongly disagree. Students were assessed on whether their CBLR experience influenced their sense of connectedness to their community and to other communities. These items also assessed the impact of their CBLR experience on their ability to understand other cultures and global issues. The goal of these items is to determine whether CBLR increased a sense of civic engagement among students (Carlisle, Gourd, Rajkhan, & Nitta, 2015).

Graph: Due to my community-based learning experience:

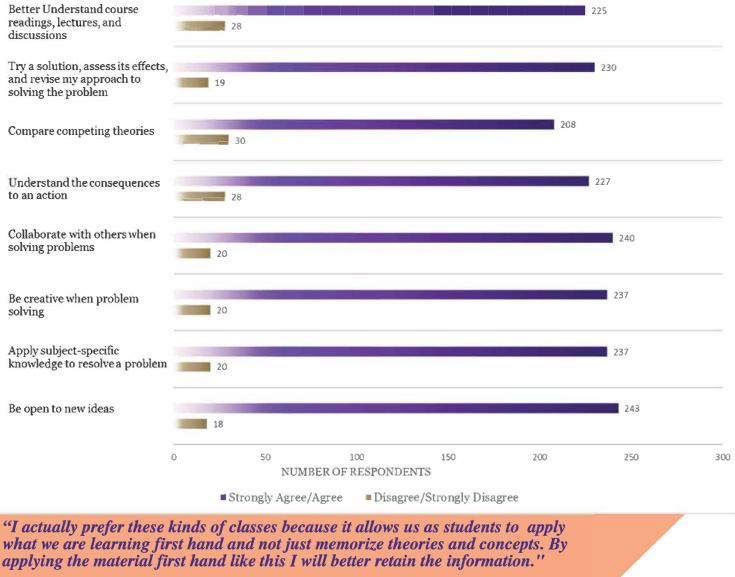


Academic Learning

The construct Academic Learning contained 8 items that were designed to measure whether students acquired skills needed to be successful in class. Students were asked whether CBLR made it more likely that they would be open to new ideas, apply subject-specific knowledge to resolving problems, be creative and collaborative when solving problems, understand the consequences to an action, consider competing theories, revise approaches to solving problems, and better understand course material. All items were measured on a 4-point scale from strongly agree to strongly disagree (Carlisle, Gourd, Rajkhan, & Nitta, 2015).

Graph:

Due to my community-based learning experience, in the future I am more likely to:



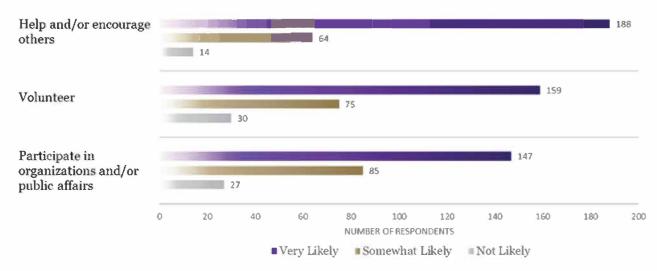
-Student in CBLR Course

Psychological Well-Being

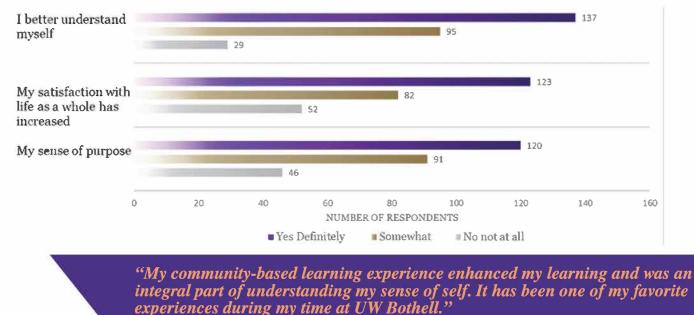
Psychological Well-Being we defined as a measure of student satisfaction with themselves in the world and whether they find purpose and meaning in life. Under this 6-item construct, students were asked whether their CBLR experience increased the likelihood that they would help and/or encourage others, volunteer, participate in organizations and/or in public affairs (very likely, somewhat likely, not likely). Additionally, Psychological Well-Being measured whether respondents had a better understanding of themselves, an increased sense of purpose, and greater satisfaction with life (yes definitely, somewhat, no not at all) (Carlisle, Gourd, Rajkhan, & Nitta, 2015).

Graphs:

My community-based learning experience has increased the likelihood that I will:



Through the community-based work in this course:



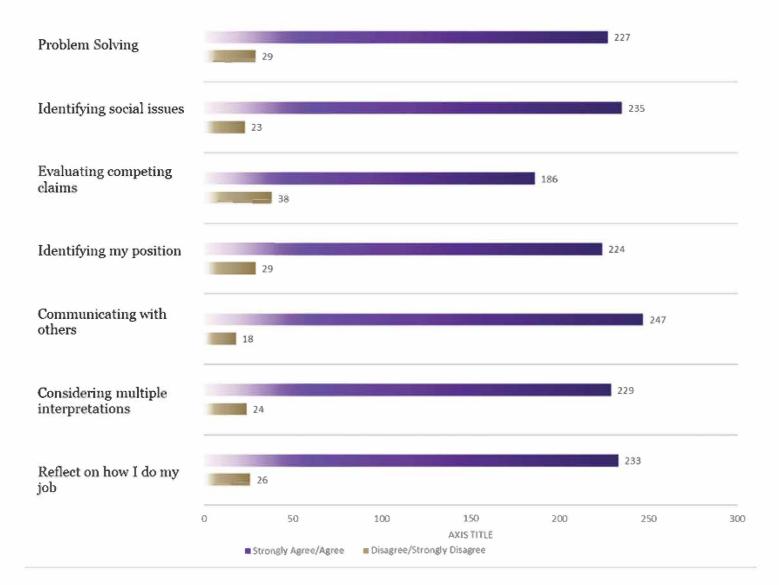
-Student in CBLR Course

Professional Development

Professional Development measured the extent to which CBLR had an impact on professional skills needed in the workforce. This 7-item construct asked respondents whether their skills increased and whether they are more likely to use specific skill sets across a range of indicators, including problem solving, identifying social issues and their position, communicating with others, considering multiple interpretations, evaluating competing claims, and reflecting on how they do their job (strongly agree, agree, disagree, strongly disagree) (Carlisle, Gourd, Rajkhan, & Nitta, 2015).

Graph:

My community-based learning and research experience improved my skills in the following areas:



Achieving Community Transformation (A.C.T)

ACT is a student organization supported by the Office of Community-Based Learning & Research. ACT Student Leaders initiate and support ongoing dialogues between students and local organizations to provide engaging service and civic engagement opportunities.



Volunteer Local Fair

No. Students/ Staff/Faculty **200** Community Organizations

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Other Civic Engagement Events

- Northshore School Threads & Treads
- Seattle Children's Alyssa Burnet Adult Life Center
- 21 Acres
- Holly House
- Vineyard Park
 Retirement Home
 CBLR 2015-16 14

CBLR Report Created By...



Kara Adams, M.A.

Director Community Engagement

Shauna Carlisle, Ph.D.

Assistant Professor School of Interdisciplinary Arts and Sciences





Dhwani Vekaria

Interactive Media Design Student CBLR Student Assistant Credit: Design

Daniel Murray

B.S. Biology Research Assistant for Prof. Carlisle Credit: Cleaned data and created graphs for rep



CITATIONS

Bringle, R., & Hatcher, J. (1996). Implementing service learning in higher education. *Journal of Higher Education*, 67(2).

Carlisle, S.K., Gourd, K., Rajkhan, Safaa., and Nitta, K. (Accepted). Assessing the impact of community-based learning on students: The community-based learning impact scale (CBLIS), *Journal of Service Learning in Higher Education*.

Carnegie Community Engagement Classification (n.d.). In New England Resource Center for Higher Education. Retrieved from http://nerche.org/index.php?option=com_content& view=article&id=341&Itemid=92

APPENDIX

The following questions attempt to understand your experiences with community-based learning. Please select the answer that best fits your experiences.

Question 1: My community-based learning experience has increased the likelihood that I will...

	Ve	ry Likely	Somewhat Likely	No	t Likely	Doi	n't Know
help and/or encourage others	0	Very Likely	O Somewhat Likely	0	Not Likely	0	Don't Know
volunteer	0	Very Likely	© Somewhat Likely	0	Not Likely	0	Don't Know
participate in organizations and/or public affairs	0	Very Likely	O Somewhat Likely	0	Not Likely	0	Don't Know
pursue more classes that have a community-based partnership	¢	Very Likely	© Somewhat Likely	¢	: Not Likely	c	Don't Know

Question 2: My community-based learning work...

	Strongly Agree	Agree	Disagree	Strongly Disagree	Don't Know	Not Applicable
had mutual benefit to the community organization and me	O Strongly Agree	C _{Agre}	O ^e Disagree	C Strongly Disagree	O Don't Know	∩ _{Not} Applicable
had adequate communication between the community organization and me	O Strongly Agree	O Agree	O Disagree	C Strongly Disagree	O Don't Know	⊖ _{Not} Applicable

Question 3: Since my community-based learning experience my skills have increased in the following areas:

	Strongly Agree		Dis	agree	Strongly Disagree	Don't Know	Not applicable
problem solving	C Strongly Agree	O Agree	0	Disagree	○ Strongly Disagree	O Don't Know	O Not applicable
identifying social issues	C Strongly Agree	O Agree	¢	Disagree	O Strongly Disagree	O Don't Know	O Not applicable
evaluating competing claims	C Strongly Agree	C Agree	0	Disagree	C Strongly Disagree	O Don't Know	O Not applicable
indentifying my position	C Strongly Agree	C Agree	0	Disagree	C Strongly Disagree		O Not applicable
communicating with others	C Strongly Agree	C Agree	0	Disagree	C Strongly Disagree		O Not applicable
considering multiple interpretations	C Strongly Agree	O Agree	0	Disagree	C Strongly Disagree	O Don't Know	O Not applicable

Question 4: Due to my community-based learning experience, in the future I am more likely to...

	Strongly Agree	Agree	Disa	agree	Strongly Disagree	Don't Know	Not applicable
reflect on how I do my job	Strongly Agree	Agree	0	Disagree	C Strongly Disagree	7 Don't Know	C Not applicable
be open to new ideas	C Strongly Agree	Agree	Q	Disagree	C Strongly	, O Don't Know	Not applicable
apply subject- specific knowledge to resolve a problem	O Strongly Agree	Agree	Ċ.	Disagree	○ Strongly ●Disagree	7 Don't Know	∩ _{Not} applicable

be creative when problem solving	C Strongly Agree	0	Agree	O Disagree	 C Strongly ▶isagree 	C Don't Know	∩ Not applicable
collaborate with others when solving problems	h Strongly Agree	0	:Agree	O Disagree	O Strongly Disagree		O Not applicable
understand the consequences to an action	C Strengly Agree	0	Agree	O Disagree	O Strongly Disagree		
compare competing theories	C Strongly Agree	0	Agree	O Disagree	C Strongly Disagree		Not applicable
try a solution, assess its effects, and revise my approach to solving the problem	O Strongly Agree	0	Agree	O Disagree	C Strongly Disagree		[∩] Not applicable
better understand course readings lectures, and discussions	C Strongly Agree	0	Agree	O Disagree	G Strengly Disagree		O Not applicable

The following questions attempt to understand how community based learning has influenced your civic engagement, and how it has helped you grow as a person.

Question 5: Due to my community-based learning experience...

	Strongly Agree	Agree	Disagree	Strongly Disagree	Don't Knew	Net Applicable
I am more connected to MY community	© Strongly Agree	∩ _{Agree}	O Disagree	C Strongly Disagree	7 Don't Know	O Not Applicable
I am more connected to communities OTHER THAN my own	C Strongly Agree	C Agree	O Disagree	C Strongly Disagree	7 Don't Know	O Not Applicable

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I am able to meet SOME of the needs of the community	C Strongly Agree	∩ Agre	e Disagree	C Strongly Disagree	y Don'i Know	not App <mark>li</mark> cable
I have realized there are different perspectives on (global) international issues	C Strongly Agree	O Agre	Ĉ ^e Disagree	C Strongly Disagree	O Don't Know	O Not Applicable
I have developed a better "understanding" of cultures other than my own	C Strongly	∩ Agre	© ^e Disagree	C Strongly Disagree	O Don't Know	Not Applicable
I can consider multiple interpretations o ideas or events	f Strongly Agree	∩ ; Agree	O Disagree	C Strongly Disagree	O Don't Know	O Not Applicable

Question 6. Through the community-based work in this course...

	Yes Definitely Somev	what No Not at All	Not app <mark>li</mark> cable
My career opportunities expanded	O Yes Definitely O So	Mo Not at All	∩ Not applicable
I have developed greater initiative	• Yes Definitely • So	Mo Not at All	○ : Not applicable
I have developed greater dependability	• Yes Definitely • So	Mo Not at All	∩ _{Not} app <mark>li</mark> cable
I b <mark>etter und</mark> erstand myself		omewhat All	O Not app <mark>li</mark> cable
My statisfaction with life as a whole has increased	C Yes Definitely C So	No Not at All	[€] Not app <mark>li</mark> cable
My sense of purpose in life has increased	C Yes Definitely So	No Not at All	∩ Not app <mark>li</mark> cable

This final section asks some background information to help understand the many experiences of our diverse student population.

Question 7. Please select the category that best describes the number of hours per week that you worked on your community-based learning project outside the classroom.

- 0 hours per week
- 1-10 hours per week
- 11-15 hours per week
- 16-20 hours per week
- O 21 or more hours per week

Question 8. Did you feel this was an adequate amount of time to complete your community-based work?

- I did not have enough time to complete quality work/service for the community partners
- It was hard to complete the required community-based learning hours
- Time was not something I was worried about

Question 9. Which racial background do you identify with?

- White (Non-Hispanic)
- Black/African American
- Native American or Alaskan Native
- Native Hawaiian or Pacific Islander
- Asian American
- Hispanic/Latino American
- Bi-racial or Multi-racial
- Other

Question 10. What is your gender?

- Female
- 🔿 Male
- O Other

Question 11. What is your class level?

- Second-year
- Third-year
- Fourth-year
- Graduate Student
- O Other

Question 12. I have commitments outside of school (e.g., work, caring for children, caring for parents) that require (select one option below) hours a week.

- ∩ 1-10 hours per week
- 11-20 hours per week
- C 21-30 hours per week
- 31-40 hours per week
- 40+ hours per week
- I do not have any commitments outside of school

Question 13. What would you like others to know about your community-based learning experience?