

BC Student Outcomes Research Forum
2019/2020
ANNUAL
REPORT



Presented to the
BC Student Outcomes Research Forum
Annual General Meeting
June 10, 2020

Message from the Co-Chairs

Jennifer Castley (CNC) & Leila Hazemi (AEST)

As co-chairs of the BC Student Outcomes Research Forum, we would like to thank all our partners across the province and the team at BC Stats for another great year. This year we collectively worked hard to continue to implement the actions of our Strategic Plan, and the program continues to push forward to be a leader in providing innovative research on student outcomes. We would also like to take this opportunity to thank Chad Doerksen, our ministry co-chair currently on leave, for his leadership and dedication to the program. We look forward to his return in Fall of 2020! As we look forward to the year ahead, and some of the challenges the impact of COVID-19 may bring, we are confident that the strength of the BC Student Outcomes program will navigate us safely through another productive year.

Forum Activities

June 2019 Student Outcomes Research Forum Meeting

The theme of the 2019 Forum meeting was **Forces of Change: Charting the Roadmap for the Future.**

OPENING ADDRESS: CHAD DOERKSEN & BRIAN BEACHAM

Chad Doerksen (AEST) acknowledged the traditional territory of the Coast Salish people, on which BCIT Burnaby is located. Elder Anne Prince welcomed the BC Student Outcomes Research Forum and spoke on the history of the Takla First Nation, their traditional territory and the role of education in reconciliation. Co-chairs Chad Doerksen and Brian Beacham (VCC) welcomed the membership.

STRATEGIC PLAN WALK THROUGH: CHAD DOERKSEN & TRACEY CARMICHAEL

Chad Doerksen and Tracey Carmichael (JIBC) reviewed the Forum's mission and values, along with the background discussions and actions that led to the final Strategic Plan. They presented the Plan's three goals, associated objectives and action items, and the teams assigned to lead each portion of the Plan. They thanked the Strategic Planning Committee for their contributions.

PANEL: FORCES OF CHANGE FOR INSTITUTIONS

Moderator: Brian Beacham, Director of Institutional Research, Vancouver Community College

Panelists: Dr. Stephanie McKeown, Chief Institutional Research Officer, UBC & Vice President, CIRPA,

Naomi Pope, PhD, Director of Labour Market & Immigration Analysis, AEST and

Amy Wongkanlayanush, PhD, Senior Economist, Workforce Innovation & Skills Training, AEST

Dr. Stephanie McKeown - Presentation: Globalization, Internationalization, & Indigenization in the Canadian & B.C. Context

Stephanie shared what she learned from working on a chapter of Higher Education Admissions Practices titled "Cross-Cultural and Global Competencies and Their Role in Admissions." There were five research questions developed on the topics of globalization, internationalization, and indigenization in Canada. She discussed each topic, highlighting new challenges and opportunities for post-secondary recruitment, access, programming, and student life.

Naomi Pope, PhD and Amy Wongkanlayanush, PhD – Presentation: Skills for the Future Workforce

Naomi discussed recent research that indicates that the skills and competencies future workers will require is changing. They also reviewed work being done to identify skills that are currently in demand, skills projected to be needed for different occupations and areas of interest, and the importance of transitioning workers from one occupation to another. Naomi also discussed current skills initiatives underway at Statistics Canada and the work being done as part of the Programme for the International Assessment of Adult Competencies (PIAAC), Organisation for Economic Co-operation and Development (OECD), Employment and Social Development Canada (ESDC) Skills Framework, and the Education and Labour Market Longitudinal Linkage Platform (ELMLLP).

Amy discussed the BC Labour Market Outlook findings and data linkage work done with the Occupational Information Network (ONet) and the United States Department of Labour data to map U.S. Standard Occupational Classifications to Canadian National Occupation Codes (NOC). The data was analyzed to better understand the skill requirements for occupations and industries identified in the Outlook report. The competencies, characteristics, and skills play a role in education decisions and pursuits of job-searchers. For post-secondary institutions, the research points to the need for programming to address not only content and technical skills, but also ‘soft skills.’

Amy and Naomi reviewed the BC Survey of Future Skills, which aims to deepen the understanding of skills that will be required in the next 10 years for each occupational group by areas of interest. The focus will be on the changing workforce needs, key drivers for change, challenges, and strategies for addressing the future skills needs. Future skills have been organized by areas of interest rather than skills to guide workers into jobs that suit their personalities and interests.

After the presentations, panelists were asked several questions related to their areas of expertise.

WORKSHOP— MAKING IT REAL: CHARTING THE ROADMAP FOR THE FUTURE

Part 1 – Actions: Now What, Potential Roadblocks, Solutions, & Opportunities

Brian Beacham reviewed the actions associated with each of the Strategic Plan goals (Goal 1: Plan, Goal 2: Collect, and Goal 3: Use) and then introduced the workshop activity. There were three stations set up in the room; each station had a poster that showed a goal, associated objectives, and actions from the Strategic Plan. Attendees divided into three groups for the *Now What, Potential Roadblocks, Solutions, & Opportunities* activity. The groups were asked to identify actions, challenges, and opportunities associated with achieving the goals listed at their station, and then to move on to the next station. The facilitators for each station then reported back to attendees on the themes and suggestions found for their assigned goal.

Part 2 – Priorities

Brian instructed attendees to review and indicate, using stickers, priority actions for each goal. Attendees agreed that the priorities identified set out clear next steps for the Forum teams to move forward on the Strategic Plan goals.

PANEL - SHOW & TELL: HOW INSTITUTIONS USE OUTCOMES DATA TO NAVIGATE CHANGE

Moderator: Brian Beacham, Director of Institutional Research, Vancouver Community College

Presenter: Sarah Dunn, Director of Analytics and Business Intelligence, BCIT

Sarah shared how BCIT uses Student Outcomes data, noting that they use it heavily. They focus on employment rates and training-related jobs. Faculty, program heads, staff, and students use Student Outcomes information. BCIT updates Student Outcomes data on program pages each year and uses the data for year-in-review publications, program review and program mix analysis, economic impact reporting, strategic planning, and operating plans. The senior leadership team uses Student Outcomes data heavily. BCIT also uses Student Outcomes data for a variety of print and internal publications, including Tableau dashboards.

**Presenters: Larry Xiong, Director of Institutional Research, Langara College and
Courtney Fabri, Manager, Institutional Research, Langara College**

Langara College has been using Student Outcomes data for nearly two decades. They used to build custom PDF reports but in the last two years have moved to internal Tableau dashboards, and now have one Tableau Public dashboard. They provide dashboards for program reviews, the Board of Governors, and have a public-facing “At a Glance” dashboard, built in Tableau Public, which is free. Larry and Courtney did a demo of their Tableau dashboards.

Presenter: Chad Doerksen, Coordinator of Research & Reporting, Ministry of Advanced Education, Skills & Training

The Research Analysis Unit is the primary user of Student Outcomes data at the Ministry of Advanced Education, Skills and Training (AEST). The data is used primarily at the system level in the Accountability Framework, Service Plans, Aboriginal Learners report, DataBC reports, forecasting for the labour market supply model, and for ad hoc requests. The Service Plan report scaled back the use of Student Outcomes data from four measures to one. Chad also presented a list of items of interest to AEST, including a survey of graduate students; a 5-year out survey, understanding more about student pathways, student mobility, non-completers/discontinuers, and the possibility of including ad hoc questions on upcoming surveys.

Presenter: Nasim Taba, Data Scientist, BC Stats & UBC Capstone

Nasim reported on the UBC Capstone Project in which students from UBC piloted text-mining UBC’s open-ended question responses from the Baccalaureate Graduates Survey (BGS). Using the open-source tool R Shiny and Python coding, the students sought to capture meaning from the open-ended responses. They searched for common topics, did sentiment analysis, and created a CSV dataset that was then presented in a Shiny dashboard. This project acts as a proof-of-concept for what is possible.

BC STUDENT OUTCOMES RESEARCH FORUM AGM

Key highlights of the AGM included:

- Jennifer Castley (CNC) accepted the nomination to the position of Institutional Co-Chair.
- The work of the Strategic Planning Committee has been completed and, as such, the committee was disbanded.
- Jacynta Spicer (RRU) and Grace Lau (UBC) became co-chairs of the Technical Team.
- Forum Teams met to plan their work for the coming year and to begin developing their work plans for Management Team approval.
- Modest fee increases were proposed and reviewed by the Institutional Research and Planning Directors Association (IRPDA) prior to the AGM. In recognition of the fact that institutional budgets had already been set for the year, it was decided that 2019 would be a transition year in which fees would be set at \$6.25 per Trades and Diploma, Associate Degree, and Certificate respondent, then fees would go up to \$6.50 per Trades and Diploma, Associate Degree, and Certificate respondent for the 2020 cycle.
- The budget included an increase of approximately \$45,000 in funding from AEST and an increase of \$6,000 from the Industry Training Authority. These increases help to cover the increased costs of data collection.
- The updated Terms of Reference were presented and approved. The main revisions were:
 - language regarding representatives, members, and voting rights was clarified
 - the Research & Analysis Committee was formalized—it is now referred to as the Research & Analysis Team—and its mandate was clarified
 - there was a general clean-up of the document

Forum Team and Committee Work

The **Management Team** activities throughout the year included monitoring the Student Outcomes program, planning the annual Forum meeting, reviewing the Program Plan and Budget, and making regular reports to the Forum membership. Over the past year, the Management Team has worked on moving the Strategic Plan forward, setting priorities and developing and monitoring an annual work plan, and reviewing the new public Data Viewer.

The **Survey Team** reviewed the annual questionnaires and continued working to align them. The **Survey Working Group**, which is made up of Survey Team members, was struck June 3, 2019 and is looking into specific questionnaire issues in more detail.

The **Survey Working Group** (struck June 3, 2019) has been working to align several aspects of the surveys, including: Definition of “main Job”, Program not related to “main job”, Maternity leave/Paid Leave of Absence, E19_R1 to E27_R1 Skills and abilities useful in the performance of “main job” (Baccalaureate Graduates Survey [BGS]), BGS annual salary vs. Diploma, Associate Degree, Certificate (DAC) and Trades (Apprenticeship and Trades Foundation and Trades-Related Vocational) hourly wage, and BGS Finance questions alignment with DAC funding questions.

The **Technical Team** continued their work on cohorts in their annual review of the cohort specifications. They also worked with BC Stats on creating a Pre-survey Administration Checklist for IRs to use when preparing for the launch of the Student Outcomes Surveys each year.

The **Communications Team** reviewed all Student Outcomes publications (see list of publications below) and contributed to the development of the Data Viewer for the Public. They also began developing the BC Student Outcomes Communications Plan.

The **Research and Analysis Team** has continued to grow and now has 13 members. Over the past year, they have supported the Strategic Plan work of the Survey and Technical Teams and provided advice on data requests from program partners.

PRESENTATIONS AND OUTREACH

Management Team has been regularly discussing opportunities to share information about BC Student Outcomes with interested audiences. In 2019, two presentations were made:

- In October 2019, Camilo Pena and Max Nevill (UBC) gave a presentation, titled *BC Student Outcomes: An Introduction to BC's Post-Secondary Student Surveys* to members of CIRPA.
- In November 2019, Christine Chan (CAPU) and Stephen Salem (CMTN) made a presentation entitled *BC Student Outcomes: 30 Years of Innovation!* to the Pacific Northwest Association for Institutional Research and Planning (PNAIRP) Conference.

The Communications Team has taken over responsibility for tracking presentations and identifying outreach opportunities.

A repository of presentations has been created and Forum members are encouraged to share Student Outcomes information with their local audiences and stakeholders.

ADVISING ON OTHER SURVEYS

Adult Special Education Labour Market Agreement for Persons with Disabilities (ASE LMAPD) Outcomes Survey: The ASE LMAPD 3 Month and 12 Month Outcomes Surveys will be conducted for a final cycle from August to September to survey students when they are 3 to less than 9 months or 9 to 18 months post-program. BC Stats will update and send the cohort specifications to IR departments in June 2020, with the cohort submission due around mid-July 2020. Data from cycle 8 of the 3 Month Outcome Survey and cycle 7 of the 12 Month Outcome Survey are ready for download from [SharePoint](#).

BC Student Outcomes 2019/2020

The BC Student Outcomes Research Forum, through its working teams, provided valuable advice and oversight of the annual Student Outcomes Surveys conducted for the 2019 cycle. Findings from these surveys are used by government and institutions for labour market analysis, program evaluation, planning, and accountability. Survey results are also available to help students make informed decisions about their personal and economic futures.

Collecting Outcomes Data

The 2019 **Survey of Former Diploma, Associate Degree, and Certificate Students** had 12,896 respondents, out of 23,618 former students who were eligible, making the response rate 55 percent. The survey was conducted from January through mid-July 2019, and 19 public post-secondary institutions participated. The former students were surveyed within two years of leaving their programs.

The 2019 **Baccalaureate Graduates Survey** of 2017 graduates had a response rate of 44 percent, with 10,035 respondents out of 22,900 who were eligible for the survey. Twenty-two public post-secondary institutions participated. The survey was conducted from September 2019 through mid-February 2020.

The 2019 **Survey of Former Apprenticeship Students** had a 53 percent response rate: of 4,969 former apprentices eligible for the survey, 2,637 responded. They were surveyed within two years of completing their in-school training. The survey was conducted from January through mid-June 2019. Eligible former students were submitted from 14 public post-secondary institutions and 27 private training providers.

The 2019 **Survey of Former Trades Foundation and Trades-Related Vocational Students** had a total of 2,745 respondents, out of 5,497 former students who were eligible, making the response rate 50 percent overall. Of the 5,032 former trades foundation students who were eligible for the survey, 2,498 responded, resulting in a 50 percent response rate. There were 247 trades-related vocational respondents, out of the 465 who were eligible, making the response rate for this group 53 percent. The survey was conducted from January through May 2019, and 16 public post-secondary institutions participated (15 had trades foundation programs and 8 had trades-related vocational programs). The former students were surveyed within two years of leaving their programs.

Sharing Outcomes Data

With stakeholders

An enhancement to the Student Outcomes program is the addition of Baccalaureate Graduates Survey (BGS) results from the Research-Intensive Universities to the public Data Viewer. Information sharing agreements are being revised so that this data can also be included in data releases and reporting tools (pivot tables and summary of results) to facilitate the sharing of all BGS data among institutional and Ministry partners.

- Outcomes data were shared with stakeholders through a range of tools. The most recent five years of Outcomes data, for post-secondary institutions and the Ministry, were released through pivot tables, the Summary of Survey Results tool, fully labeled SPSS files, and CSV files.
 - The 2015 to 2019 Apprenticeship, Trades Foundation, and Trades-Related Vocational Student Outcomes data were released via pivot tables, SPSS, and CSV files on August 21, 2019, and the Summary of Survey Results tool was released on September 4, 2019.
 - The 2015 to 2019 Diploma, Associate Degree, and Certificate Student Outcomes data were released via pivot tables, SPSS, and CSV files on October 15, 2019, and the Summary of Survey Results tool was released October 25, 2019.
 - The 2015 to 2019 Baccalaureate Graduates Survey data were released via pivot tables, SPSS, and CSV files on April 15, 2020, and the Summary of Survey Results tool was released May 19, 2020.

The [BC Student Outcomes website](#) continues to be a key source of information for stakeholders—Outcomes publications are posted here, as are the survey questionnaires. Background information on the Student Outcomes program and the governing documents for the Forum are also available. The website was replaced on February 6, 2020 and now links off the BC Government statistics page. A new site is planned.

SharePoint is used by institutional researchers and Forum members to exchange files and share information. The Forum teams use it extensively as they conduct their work.

With the public

A new Data Viewer for the Public has been created by BC Stats and was launched May 29, 2020. The new BC Student Outcomes Data Viewer was first presented at the 2018 Forum meeting. Since then, BC Stats has worked extensively

with their developer making revisions from feedback from the Management and Communications Teams and the Research-Intensive Universities. This new Data Viewer includes data from all public post-secondary institutions.

The BC Student Outcomes Data Viewer was created to be a simple, dynamic interface that allows users to view recent student outcomes information from six student groups: apprenticeship, associate degree, bachelor's degree, certificate, diploma, and trades foundation. Results are available by student group, institution, program area, and program name. Aggregated data for the three most recent survey years are presented.

Due to the development of the new Data Viewer, the old Student Outcomes Dashboard has been de-commissioned.

The [BC Student Outcomes website](#) also continues to be an important source of information for the public, providing information on all the surveys, as well as results for each student group. The website was replaced on February 6, 2020 and links off the BC Government statistics page. A new site is planned.

For other research

Student Outcomes data were provided for other research and initiatives:

- For researchers at post-secondary institutions, policymakers in government ministries, representatives from education organizations, students, and other individuals who submitted requests for Student Outcomes data.
- Aggregate data from the Baccalaureate Graduates Survey has been shared with BCCAT for the project titled, Comparing Transitions to Future Education of BC University and College Baccalaureate Graduates. BCCAT is planning to compare the rates at which British Columbia college and university baccalaureate graduates who are in comparable academic disciplines go on to further education within a single jurisdiction.

Using Outcomes Data

System-Wide Reports:

- *2019 BGS Reports by Institutions and Discipline*
- *2019 BGS Reports by Program Area*
- *The 2019 Highlights [forthcoming]*
- *The 2016 to 2018 Baccalaureate Graduates Survey Infographic Report: The Classes of 2014 to 2016 Two Years After Graduation [forthcoming]*
- *Apprenticeship Infographic Report: Results from the 2017 BC Student Outcomes Survey*
- *Trades Foundation Infographic Report: Results from the 2017 BC Student Outcomes Survey Apprenticeship Infographic Report: Results from the 2018 BC Student Outcomes Survey [forthcoming]*
- *Trades Foundation Infographic Report: Results from the 2018 BC Student Outcomes Survey [forthcoming]*

Information Paper:

- *From Study to Work: Who gets employment related to their post-secondary education and what did they learn that helped them do it? [forthcoming]*

Student Outcomes Fact Sheets and Infographics:

- *How Diploma, Associate Degree, and Certificate Students Paid for Their Education: Results from the 2018 Survey [forthcoming]*
- *2018 Apprenticeship Survey Results [working title – forthcoming]*
- *2018 Trades Foundation Survey Results [working title – forthcoming]*

Presentation:

- *BC Student Outcomes: An Introduction to B.C.'s Post-Secondary Student Surveys (updated)*

Technical Reports:

- *2019 APP Survey Refusals Analysis*
- *2019 BGS Survey Refusals Analysis*
- *2019 DAC Survey Refusals Analysis*
- *2019 TFTRV Survey Refusals Analysis*
- *2019 APP Contact Data Analysis*
- *2019 BGS Contact Data Analysis*
- *2019 DAC Contact Data Analysis*
- *2019 TFTRV Contact Data Analysis*

Acknowledgments and thanks

Thank you

The BC Student Outcomes Research Forum is a highly successful collaboration due to the contributions of time and expertise from many volunteers. Thank you!

The Forum would like to acknowledge the following members who retired or left the Forum in 2019/2020 and thank them for their contributions to Student Outcomes.

- *Brian Beacham, VCC*
- *Chad Doerksen, AEST (on leave)*
- *Judy Harris, ITA*
- *Jan O'Brien, TRU*
- *Sandy McNeill, AEST*
- *Christine Chan, CAPU*

Program Staff

The BC Student Outcomes Research Forum is indebted to BC Stats staff for their conscientious and patient management of the Student Outcomes program.

Forum Team Membership (2019/2020)

as of June 1, 2020

Management Team

Co-chairs:

Jennifer Castley – CNC Leila Hazemi – AEST

Members:

Pam Bischoff – DOUG Grace Lau – UBC Stephanie McKeown - UBC Zareen Naqvi – SFU
Annette Przygoda – AEST Stephen Salem – CMTN, BCRA Wes Skulmoski – NIC Jacyнта Spicer – RRU

Technical Team

Co-chairs:

Grace Lau – UBC Jacyнта Spicer – RRU

Members:

Norwinda Binuya-Barros – KPU Jennifer Castley – CNC Demin Chen – COTR Kevin Chen – BCIT
Crystal Elton – AEST Eric Johnson – CNC Stephanie Klassen – TRU Ashley Lambert-Maberly – UBC
Bob Lomas – CAM Sahar Safaei – KPU Leanne Tan – ITA Ike Udevi-Aruevoru – CMTN

Survey Team

Co-chairs:

Wes Skulmoski – NIC Pam Bischoff – DOUG Stephanie McKeown – UBC

Members:

Shelley Allan – ITA Tracey Carmichael – JIBC Crystal Elton – AEST Courtney Fabri – LANG
Jacob Genert – AEST Stephanie Klassen – TRU Bob Lomas – CAM Loren Lovegreen – NLC
Anna Tikina – BCCAT Lianna Walker – CNC Karissa Wall – KPU Janice Wiebe – SFU

Survey Working Group – ad hoc (struck June 3, 2019)

Chair:

Rotating Chairs

Members:

Pam Bischoff – DOUG Tracey Carmichael – JIBC Crystal Elton – AEST Courtney Fabri – LANG
Stephanie McKeown – UBC Annette Przygoda – AEST Wes Skulmoski – NIC

Communications Team

Co-chairs:

Annette Przygoda – AEST Stephen Salem – CMTN, BCRA

Members:

Robert Adamoski – BCCAT Shelley Allan – ITA Kristina Breuer – AEST Chad Elofson – TRU
Ashley Engel – SEL Edgar Olaguer – KPU Melinda Roy – CNC Rae Tiessen – NVIT
Janice Wiebe – SFU Larry Xiong – LANG

Research & Analysis Team

Co-chairs:

Zareen Naqvi – SFU Leila Hazemi – AEST

Members:

Shelley Allan – ITA Norwinda Binuya-Barros – KPU Pam Bischoff – DOUG Kristina Breuer – AEST
Tracey Carmichael – JIBC Crystal Elton – AEST Kristen Hamilton – TRU Linda Kupp – TRU
Kathryn Snow – VIU Anna Tikina – BCCAT Pennie Poon – LANG

Membership Changes – 2019/2020 (June 1, 2019 – June 1, 2020)

Management Team

Leila Hazemi, AEST – joined
Grace Lau, UBC – joined
Annette Przygoda, AEST – joined
Jacyntha Spicer, RRU – joined
Chad Doerksen, AEST – on leave
Brian Beacham, VCC – stepped down (retired)
Jan O'Brien, TRU – stepped down

Survey Team

Shelley Allan, ITA – joined
Courtney Fabri, LANG – joined
Jacob Genert, AEST – joined
Lianna Walker, CNC – joined
Karissa Wall, KPU – joined
Annette Przygoda, AEST – joined Survey Working Group
Marcelo Suarez, BCIT – on leave
Kristina Breuer, AEST – stepped down
Judy Harris, ITA – stepped down
Melike Kinik-Dicleli, KPU – stepped down
Melinda Roy, CNC – stepped down
Stephen Salem, CMTN – stepped down
Larry Xiong, LANG – stepped down

Research & Analysis Team

Leila Hazemi, AEST – joined as co-chair
Shelley Allan, ITA – joined
Norwinda Binuya-Barros, KPU – joined
Kristen Hamilton, TRU – joined
Pennie Poon, LANG – joined
Brian Beacham, VCC – stepped down, retired
Judy Harris, ITA – stepped down

Technical Team

Grace Lau, UBC – joined, became co-chair
Jacyntha Spicer, RRU – became co-chair
Eric Johnson, CNC – joined
Stephanie Klassen, TRU – joined
Sahar Safaei, KPU – joined
Jennifer Castley, CNC – stepped down as co-chair
Kristen Hamilton, TRU – stepped down
Sandy McNeill, AEST – stepped down

Communications Team

Annette Przygoda, AEST – joined as co-chair
Shelley Allan, ITA – joined
Chad Elofson, TRU – joined
Edgar Olaguer, KPU – joined
Melinda Roy, CNC – joined
Rae Tiessen, NVIT – joined
Chad Doerksen, AEST – on leave
Pam Bischoff, DOUG – stepped down
Judy Harris, ITA – stepped down
Crystal Elton, AEST – stepped down
Jan O'Brien, TRU – stepped down

Institution and Organization Representatives

BC Council of Senior Student Affairs Leaders – *Doris Silva*
Capilano University – *Toran Savjord replaced Christine Chan*
Industry Training Authority – *Shelley Allan replaced Judy Harris*
Ministry of Advanced Education, Skills and Training – *Leila Hazemi replaced Chad Doerksen*
Vancouver Community College – *Janet Latter replaced Brian Beacham*

Forum Representatives

as of June 1, 2020

Doris Silva	BC Council of Senior Student Affairs Leaders
Robert Fleming	BC Council on Admissions & Transfer
Sarah Dunn	British Columbia Institute of Technology
Bob Lomas	Camosun College
Toran Savjord	Capilano University
Stephen Salem	Coast Mountain College, BC Registrars' Association
Jennifer Castley	College of New Caledonia
Jason Colombo	College of the Rockies
Keith Ellis	Douglas College
Kevin Bird	Emily Carr University of Art + Design
Shelley Allan	Industry Training Authority
Tracey Carmichael	Justice Institute of BC
Lori McElroy	Kwantlen Polytechnic University
Larry Xiong	Langara College
Leila Hazemi	Ministry of Advanced Education, Skills & Training
Kylie Thomas	Nicola Valley Institute of Technology
Wes Skulmoski	North Island College
Loren Lovegreen	Northern Lights College
Ajit Batra	Okanagan College
Jacynta Spicer	Royal Roads University
Ashley Engel	Selkirk College
Zareen Naqvi	Simon Fraser University
Dorys Crespín-Mueller	Thompson Rivers University
Stephanie McKeown	University of British Columbia
Valerie Boyes	University of Northern British Columbia
Vladimir Dvoracek	University of the Fraser Valley
Tony Eder	University of Victoria
Janet Latter	Vancouver Community College
Kathryn Snow	Vancouver Island University

the 2019 highlights

Student feedback is essential to maintain quality and relevance in the education system. Through surveying former students, BC Student Outcomes provides the information needed to help shape post-secondary education in British Columbia.

Baccalaureate Graduates

- ◆ 91% were satisfied with their education
- ◆ 93% said the quality of instruction was very good or good
- ◆ 84% were employed
- ◆ 86% of those employed said the knowledge and skills gained were useful in performing job

Associate Degree & University Transfer Students

- ◆ 91% were satisfied with their education
- ◆ 96% said the quality of instruction was very good, good, adequate
- ◆ 82% of those who transferred, were satisfied with their transfer experience
- ◆ 93% of those who took further education said their program prepared them for their studies

Diploma Students

- ◆ 92% were satisfied with their education
- ◆ 95% said the quality of instruction was very good, good, adequate
- ◆ 86% of graduates were employed
- ◆ 86% of employed graduates said the knowledge and skills gained were useful in performing job

Certificate Students

- ◆ 92% were satisfied with their education
- ◆ 95% said the quality of instruction was very good, good, adequate
- ◆ 88% of graduates were employed
- ◆ 89% of employed graduates said the knowledge and skills gained were useful in performing job

Apprenticeship Students

- ◆ 92% were satisfied with their education
- ◆ 95% said the quality of instruction was very good, good, adequate
- ◆ 95% were employed
- ◆ 94% of those employed said the knowledge and skills gained were useful in performing job

Trades Foundation Students

- ◆ 93% were satisfied with their education
- ◆ 95% said the quality of instruction was very good, good, adequate
- ◆ 83% were employed
- ◆ 90% of those employed said the knowledge and skills gained were useful in performing job

Trades-Related Vocational Students

- ◆ 94% were satisfied with their education
- ◆ 93% said the quality of instruction was very good, good, adequate
- ◆ 90% were employed
- ◆ 89% of those employed said the knowledge and skills gained were useful in performing job