RESEARCH@IVEY
Behavioural Lab Report

MAY 2023 TO APRIL 2024
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Mission and Strategic Goals

The Ivey Behavioural Lab (IBL) is a shared asset to support behavioural research from across many disciplines of research at Ivey. The primary goal is facilitation and support for Ivey faculty and their PhD students to enhance and increase their research productivity. This is accomplished by minimizing the cost and time involved in conducting behavioural research, delivering ethics and methodological advice and consultation, providing data collection facilities and equipment, maintaining two participant pools, maintaining access to online panels, hiring personnel to run studies and services. The IBL creates consistency in excellent record keeping and maintains high ethical standards for all behavioural research undertaken at Ivey. The IBL also provides excellent training opportunities for undergraduates seeking practical experience in research methodology. The IBL mission is to play a key role in contributing to Ivey’s reputation for academic excellence, driving collaborations within Ivey as well as without, attracting the best scholars to Ivey and retaining that excellence here at Ivey.

History and Background

Behavioural studies have been organized by faculty at the Ivey Business School since at least 2004 when records were first kept on the work in the lab. The IBL in its current form is due, in large part, to the work and perseverance of June Cotte who joined Ivey’s Marketing Department in 2001. In 2013, Cotte and Miranda Goode were awarded a Canadian Foundation for Innovation, Leaders Opportunity Fund grant coinciding with the move to the new Richard Ivey Building on Western Road. The CFI grant provided funding to install a multi-room, well-equipped, permanent presence for the IBL.

A second CFI: John R. Evans Leaders Fund grant was awarded to June Cotte, Kirk Kristofferson, and Matthew Sooy in 2020. This second infrastructure grant renews the IBL commitment to its research community and reinvigorates the technology in the lab itself. The grant money replaces all computer equipment currently in the lab and creates an 8-unit psychometric suite as well as new mobile-ready field devices for both standard psychometric measures as well as virtual reality.

The IBL differs from the more usual way that behavioural labs in social science are run because resources are pooled and the logistics and management are taken care of by staff experienced in behavioural research and dedicated to the task of running and maintaining the lab. The lab is open for running studies all year long, Monday to Friday, 9am to 5pm. The IBL and staff are also available for other days or times for special research projects. Field studies are also possible (e.g., running in another part of the campus, city, or outside of London). There are two participant pools, the student credit pool which runs September to April and the paid pool of volunteers that is accessible all year. In addition to these pools we use Prolific for online larger sample studies. The lab itself is comprised of five rooms; one large testing space, two smaller testing spaces with psychometric capability and interview set up, a storage space, and an office space. Because the studies are organized and run through the Research Office who manages the lab there is significant time and cost savings for publication compared to the more traditional model of behavioural lab, which involves running separate labs or scheduling.
News and Selected Lab Activity Highlights

1. Our Paid Pool was used during the summer and fall of 2023. A total of 3 studies were run between the first week of May and the end of December 2023.

2. Personnel Change – We hired a new full-time Lab Coordinator to assist the Lab Manager as the previous lab coordinator, Sereena Dargan left the lab at the end of August of 2023 to start graduate school. The new lab coordinator, Edden Jacoby was hired and started in September, 2023. This much needed position ensures that the lab can continue to grow and serve the Ivey research community.

3. Noldus Hub – This innovative data collection and triangulation software was being tailor-made to our researchers needs with an eye to keeping it flexible and open for changing future requirements. The Noldus team was onsite to upgrade the software in June 2023. This stage was due in the Fall 2022 and then postponed to Winter 2023. Given our meetings and communications with Noldus support team and as promised, they were expected to fulfil this stage in June, 2023. While we had Noldus engineers onsite to deliver this upgrade, we organized a training session on how to use Noldus for the faculty and PhD students and recorded the sessions. The recorded videos are available for anyone interested. The full upgrade was not completed until March 7th, 2024. The Software still requires final touches to facilitate data collection and the lab will follow up with the vendor to plan this final step.

4. Paid Pool – We continued outreach across campus to grow recruitment and reach more students and staff to join our Paid Pool. The lab organized paid pool promotional events which attracted new sign ups (details in the paid pool section).

5. Documentation – In the summer of 2023, a comprehensive document was prepared outlining the lab coordinator’s role and responsibilities in detail, aimed at ensuring smooth transitions in the future.

Goals for May 2024 – April 2025

1. Noldus- IBL intends to complete the installation of Noldus software and ensure its full functionality for the faculty. While the software is currently operational, some final adjustments are needed to enhance the efficiency of data collection.

2. Continuing outreach – With an anticipated greater need for the use of the Paid Pool, we will continue to plan promotional events and booths across campus as we attempt to reach more students and staff to join our Paid Pool. There will be promotional booths in
different parts of campus for the remainder of this year to recruit as many participants as possible.

3. Social media promotion – We will use every opportunity to promote the lab via different activities, including social media. The Research Office newsletter dedicates a section to the Behave Lab, featuring highlights of the lab in each edition.

**IBL Staffing – 2023/2024**

In August 2023, the full-time Lab coordinator (Sereena Dargan) left the lab. The process of hiring the new lab coordinator started earlier in the summer and we had the new coordinator start during the third week of September.

Overall, we had a team of 15 contracted volunteer research assistants who were hired to assist in lab testing. We initially had 11 but 4 left due to school workload and replacements were hired.

**Lab Coordinators Full Time**

Edden Bar Jacoby (Full Time as of September 2023)

**Volunteer Research Assistants (September 2023- April 2024)**

Panav Sharma  
Adil Huang  
Rogina Kazemian  
Arwen Zoe Milne  
Maria Zangari  
Kaitlyn Nicole Gleason Pancino  
Aicha Barry  
Sofia Elizabeth Tischler  
Salaar Ali Sheikh  
Doaa Benaghil  
Anastasia Anna Yaremchak  
Kajol Dewnani  
Mohsen Kaveh  
Shivohum Singh Nar  
Navya Chaudhary
Historical Credit Pool Report: 10 years – Follows the academic year and reporting is from September of one year to April of the next. IBL record keeping extends back to 2004 but more specific records were kept from 2009 onwards and are available upon request. n/a indicates that data was not recorded and is not available.

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</tr>
</thead>
<tbody>
<tr>
<td>Faculty users</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>10</td>
<td>13</td>
<td>13</td>
<td>11</td>
<td>14</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>PhD researchers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>5</td>
<td>3</td>
<td>4</td>
<td>7</td>
<td>4</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Other researchers&lt;sup&gt;3&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>6</td>
<td>3</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Number of studies&lt;sup&gt;4&lt;/sup&gt;</td>
<td>14</td>
<td>19</td>
<td>19</td>
<td>15</td>
<td>15</td>
<td>18</td>
<td>22</td>
<td>28</td>
<td>31</td>
<td>22</td>
</tr>
<tr>
<td>Undergraduate students in pool</td>
<td>874</td>
<td>1469</td>
<td>1421</td>
<td>1405</td>
<td>1392</td>
<td>2663</td>
<td>2754</td>
<td>2741</td>
<td>3014</td>
<td>3039</td>
</tr>
<tr>
<td>Credits Available</td>
<td>2622</td>
<td>3798</td>
<td>3653</td>
<td>3608</td>
<td>3566</td>
<td>4664</td>
<td>4889</td>
<td>4738</td>
<td>6628</td>
<td>6762</td>
</tr>
<tr>
<td>Credits Run in lab&lt;sup&gt;5&lt;/sup&gt;</td>
<td>2536</td>
<td>3679</td>
<td>3520</td>
<td>3346</td>
<td>3389</td>
<td>4309</td>
<td>4674</td>
<td>4336</td>
<td>6300.5</td>
<td>5570</td>
</tr>
<tr>
<td>Credit by alternative review essay (or by volunteer RA)</td>
<td>5</td>
<td>27</td>
<td>33</td>
<td>48</td>
<td>17</td>
<td>106.5&lt;sup&gt;6&lt;/sup&gt;</td>
<td>66.5</td>
<td>135</td>
<td>143.5</td>
<td>891&lt;sup&gt;8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Payments made to participants&lt;sup&gt;7&lt;/sup&gt;</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>$17,472</td>
<td>$12,177</td>
<td>$8917</td>
<td>$2297</td>
<td>$12,009</td>
<td>$13,552</td>
<td>$18,421&lt;sup&gt;.25&lt;/sup&gt;</td>
</tr>
<tr>
<td>External grant fees paid to IBL</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>$705</td>
<td>$4,200</td>
<td>$7,940</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
</tbody>
</table>

<sup>1</sup> HBA1 students were added to the credit pool.
<sup>2</sup> Business 2257 students were added to the pool. Additionally, note that on March 13<sup>th</sup> we moved to online delivery of studies with the school shut down in response to the COVID-19 crisis.
<sup>3</sup> “Other” does not include co-authors outside of Ivey per se but rather more typically is former students or Ivey faculty who maintain a collaboration with a PI at Ivey.
<sup>4</sup> This number is not necessarily the total of unique studies since some studies include more than one survey/task to meet time requirements for credit. It is the number of studies offered as participation credit commitments to students.
5 Does not include credits through research alternatives (written essays).
6 The higher volume is due, in part, to the COVID-19 crisis which sent many students home early.
7 For studies that include a monetary incentive. Rounded up to the nearest dollar. Records were not kept until 2017-2018.
8 The high volume resulted from the lab allocating most of its capacity to a study addressing an FT 50 journal revision during the last five weeks of the winter term. Since the timeslots could only accommodate a few participants per session, students who had delayed completing their credits until the final quarter faced extreme competition for study timeslots and ended up submitting research papers instead.
Credit Pool Participation Statistics
The statistics in the following two tables are to illustrate the logistics involved in the planning and execution of the Credit Pool.

Credit Pool Statistics 2023-2024 – This report is for credits via participation in studies only.

<table>
<thead>
<tr>
<th>Month</th>
<th>Number of Testing Days</th>
<th>Number of Studies</th>
<th>Credits Granted</th>
<th>No Shows</th>
<th>Credits Available</th>
<th>Total Timeslots Unfilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 2023</td>
<td>15</td>
<td>4</td>
<td>658</td>
<td>81</td>
<td>218.5</td>
<td>433</td>
</tr>
<tr>
<td>October 2023</td>
<td>19</td>
<td>9</td>
<td>765</td>
<td>156</td>
<td>632</td>
<td>1235</td>
</tr>
<tr>
<td>November 2023</td>
<td>19</td>
<td>8</td>
<td>963.5</td>
<td>239</td>
<td>607</td>
<td>1214</td>
</tr>
<tr>
<td>December 2023</td>
<td>6</td>
<td>4</td>
<td>133</td>
<td>40</td>
<td>263</td>
<td>528</td>
</tr>
<tr>
<td>January 2024</td>
<td>18</td>
<td>7</td>
<td>920.5</td>
<td>216</td>
<td>172.5</td>
<td>345</td>
</tr>
<tr>
<td>February 2024</td>
<td>16</td>
<td>8</td>
<td>624.5</td>
<td>156</td>
<td>28.5</td>
<td>57</td>
</tr>
<tr>
<td>March 2024</td>
<td>21</td>
<td>8</td>
<td>1110</td>
<td>112</td>
<td>9</td>
<td>15</td>
</tr>
<tr>
<td>April 2024</td>
<td>6</td>
<td>2</td>
<td>395.5</td>
<td>78</td>
<td>30.5</td>
<td>61</td>
</tr>
<tr>
<td>Sums</td>
<td>120</td>
<td>n/a</td>
<td>5570</td>
<td>1078</td>
<td>1961</td>
<td>3888</td>
</tr>
</tbody>
</table>

**Table Notes**

**Number of Testing Days** – the IBL opened for testing on September 11th; in November we did not test during Reading Week; in December the last day of testing was December 8th; the IBL opened January 8th for testing, in February we did not test over Reading Week, the last day of testing in April was the 8th when the lab closed for credit by participation.

**Number of Studies** – no sum is provided here as this is the number of studies available each month and they are overlapping.

**Credits Granted** – credits from participation at a rate of 0.5 or 1.0 per study. That is, these represent timeslots that were offered wherein students showed up and participated.

**No Shows** – includes both excused and unexcused no shows.

**Credits Available** – is the number of credits left in the schedule and unused by students.

**Total Timeslots Unfilled** – credit timeslots offered by the IBL for which there were no sign ups (which could be either 0.5 or 1.0 credit), so this is a number of potential “participant” spots that were not taken by members of the Student Pool. This is to give a sense of participation (detailed in next table) and the capacity we still have available to increase the credit pool size.
Credit Pool Statistics 6 Years - This table is useful for understanding the differences in participation by term and by class. Academic “year” is separated by gray tone (which also separates “pool”).

<table>
<thead>
<tr>
<th>Term</th>
<th>Average % of Filled Timeslots</th>
<th>Range of % of Filled Timeslots</th>
<th>% of No-Shows</th>
<th>% Credits Completed by Class</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BUS 1220</td>
</tr>
<tr>
<td>Fall 2018</td>
<td>36.2</td>
<td>9.1-98.2</td>
<td>8.2</td>
<td>43.0</td>
</tr>
<tr>
<td>Winter 2019</td>
<td>58.9</td>
<td>15.3-99.5</td>
<td>8.4</td>
<td>93.3</td>
</tr>
<tr>
<td>Fall 2019</td>
<td>58.9</td>
<td>28.4-94.8</td>
<td>8.6</td>
<td>41.1</td>
</tr>
<tr>
<td>Winter 2020</td>
<td>69.7</td>
<td>23.5-98.6</td>
<td>10.1</td>
<td>89.5</td>
</tr>
<tr>
<td>Fall 2020</td>
<td>73.8</td>
<td>37.1-100</td>
<td>8.0</td>
<td>36.5</td>
</tr>
<tr>
<td>Winter 2021</td>
<td>78.6</td>
<td>38.2-100</td>
<td>8.5</td>
<td>93.9</td>
</tr>
<tr>
<td>Fall 2021</td>
<td>74.6</td>
<td>20.7-100</td>
<td>7.6</td>
<td>37.9</td>
</tr>
<tr>
<td>Winter 2022</td>
<td>88.7</td>
<td>36.0-100</td>
<td>12.3</td>
<td>93.3</td>
</tr>
<tr>
<td>Fall 2022</td>
<td>79.4</td>
<td>54.7-98.8</td>
<td>9.0</td>
<td>36.4</td>
</tr>
<tr>
<td>Winter 2023</td>
<td>83.5</td>
<td>37.4-100</td>
<td>10.2</td>
<td>92.4</td>
</tr>
<tr>
<td>Fall 2023</td>
<td>56.9</td>
<td>33.2-100</td>
<td>10.0</td>
<td>30.1</td>
</tr>
<tr>
<td>Winter 2024</td>
<td>73.9</td>
<td>45.1-100</td>
<td>10.6</td>
<td>88.4</td>
</tr>
</tbody>
</table>

Table Notes

- **Average % of Filled Timeslots** = ratio of number of timeslots filled by student participants to total number of timeslots offered on SONA, includes no-shows (i.e., total signups: total spaces offered).
- **Range of % of Filled Timeslots** = studies vary fairly wildly based on the type of study. For instance, 1.0 credit studies are more likely to fill than those offering 0.5 credit, those with a monetary incentive are more likely to fill, and studies that require a particular number of participants to run will have fewer timeslots available and therefore are more likely to fill (this does not reflect the rare timeslots that were cancelled because a minimum number of participants failed to sign up because those are deleted from SONA).
- **% of No-Shows** = filled timeslots include no-shows, not just those credited for participation so this is the percentage of those timeslots wherein students did not show up or cancelled last minute.
- **% Credits Completed by Class** = these are cumulative by academic year and based on the total number of credits available by class (e.g., in the academic year of September 2017 to April 2018 there were 607 HBA1 students enrolled, each of them requiring 2.0 credits for a total of 1214 credits. From September 2017 to December 2018, only 27.3% of those credits were fulfilled, 331 credits, and this number then rose to 97.3% by the end of testing in April 2018 when the total number of HBA1 credits completed was 1181). These include credits by participation and alternative.
Historical Paid Pool Report The paid pool was created in 2013. Reporting is across the entire year from May of one year to April of the next year. n/a indicates that data is not available.

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</tr>
</thead>
<tbody>
<tr>
<td>Faculty users</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>6</td>
<td>5</td>
<td>6</td>
<td>0</td>
<td>4</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>PhD researchers</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other researchers</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>3</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
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<tr>
<td>Number of unique studies run</td>
<td>8</td>
<td>15</td>
<td>12</td>
<td>9</td>
<td>21</td>
<td>12</td>
<td>0</td>
<td>4</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>Credits Run(^1)</td>
<td>959</td>
<td>1170</td>
<td>1130</td>
<td>1079</td>
<td>1148</td>
<td>1048</td>
<td>0</td>
<td>346</td>
<td>512</td>
<td>480</td>
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<tr>
<td>Payments made to participants</td>
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<td>n/a</td>
<td>n/a</td>
<td>$13,886</td>
<td>$17,549</td>
<td>$10,659</td>
<td>0</td>
<td>$3049.25</td>
<td>$9473.50</td>
<td>$7,398</td>
</tr>
</tbody>
</table>

\(^1\)Credits refer to participants run across studies and so the “credit” is assigned only for record keeping in our online Sona system subscription and allows us to track other data to remove inactive participants or those who are chronically late or not showing up to their scheduled appointments.
Appendix A: How the IBL Serves the Ivey Faculty

IBL Services

The IBL runs research studies in lab, in field, and online for all Ivey research faculty. We maintain a roster of volunteer research assistants through the Volunteer Research Assistant Mentorship Program offered by the IBL. Through the fall and winter school terms we rely mainly on our Student Credit Pool for study participation but we also have other sources of participants available. The IBL takes up four rooms plus a storage space on the lower level of the Ivey Business School and offers both large scale testing spaces as well as smaller more intimate spaces for psychometric studies or interviews. We also have a number of software programs available and psychometric equipment includes eye tracking, skin conductance, and facial recognition. Our usual business hours are 8am to 5pm Monday to Friday but we are always open to alternate testing times if needed.

Below we offer more detail about the IBL services and resources starting with some basic terms we use to operationalize our work.

IBL Terms and Definitions

SONA: This is an online subscription service to organize studies and times for testing. It serves as the interface between the lab and the participants. More information about SONA is found below in a section all about the IBL’s two SONA subscriptions.

CREDITS: Participants are given “credit” for showing up to a study. For the student credit pool credits are needed for the end of year credit report sent to the class/course coordinators. The rate of credit is 1.0 credit (a “full” credit) for about 60 minutes of their time. The smallest unit of credit is 0.5 for about 30 minutes of time. For the paid pool, credits are also assigned, though they have no value, as the system of record keeping within the SONA system.

NO SHOWS: If participants fail to show up to their appointments we assign them a No Show in the SONA system. These are either Excused No Show or Unexcused No Show. An Unexcused No Show has implications for the participant’s account as two Unexcused No Shows will lock a participant out of the system for three weeks.

TIMESLOT: A timeslot refers to a specific testing appointment that participants sign up for in the SONA system. For instance, a timeslot might be 10am -11am on a specific day for a study that requires an hour of participant time.

SHIFT: A shift refers to a larger chunk of time in which there are likely to be multiple timeslots. For instance, an RA might be testing 4 hour-long contiguous timeslots on one particular shift from 9am to 1pm. That period from 9am to 1pm constitutes a shift. To make life a little easier to organize, we have divided the week into 10 shifts, morning shifts are all
9am to 1pm and afternoon shifts are 1pm to 5pm. RAs are asked to commit to two shifts per term to be part of the Mentorship Program.

**DIARY:** A diary is a document that looks like a map of the computer workstations with a section for notes and entering information about the timeslot. A diary is meant to track what’s happening in each timeslot; it is our observational record. Diaries are typically electronic and shared with researchers once the study is completed. If needed we also have paper diaries available. Some particularly complex studies may have special diaries created just for that study. There are as many diaries per shift as there are timeslots per shift. Diaries also help to keep us ethically compliant.

**Volunteer Research Assistant Mentorship Program**

In a typical year the IBL takes on between 10 and 20 undergraduates in our program. In August (and sometimes in April) we advertise the program to the Western community looking for interested students. There are no necessary qualifications to apply to the program except an interest in learning about research at the ground level and a willingness to volunteer 8 hours per week with us for fall and winter. Students submit their class schedules to the IBL with their applications and we use these schedules to fill shifts. Ideally there are two RAs per shift which gives us maximum flexibility in running complex studies that require more than a single RA and run more than one simple study maximizing our spaces.

We offer a full day of training in September on ethics and general research methods including some of the special concerns of behavioural economics. We try to ensure that our volunteers get the widest possible experience and so that means training on as many individual studies as possible during their time with us. For all studies, specific procedures are made available on the IBL communication app for reading before first running a study. For particularly difficult or complex studies we may reserve lab time for training but more usually, for the first timeslot in which an RA encounters a new study, the Lab Coordinator or Lab Manager is training with the RA(s) in the timeslot. For the second timeslot next encountered by the RA, the Lab Coordinator or Lab Manager is in the room observing and providing guidance and help as needed while the RA runs the study. For the third timeslot the RA is considered fully trained for that study and is asked if they would like to have the Coordinator or Manager in the room for a further assistance or if they are able to run on their own. RAs always have immediate access, if required, to either the Lab Coordinator or Manager using the communication app.

In December and in April, at the end of classes at Western, the IBL is closed to credit pool studies and we hold an RA appreciation lunch. This is a lunch sponsored by Ivey Research for both the faculty involved in the IBL and the RAs. This gives the RAs an opportunity to meet the faculty and PhD students they’ve been running studies for and these researchers can discuss their work with the RAs, as well as answer any questions the RAs might have. It’s also a good opportunity for the researchers to thank the RAs for the great work that they do and the RAs always enjoy the opportunity to interact!
Our RAs are also available for other work if needed. The Lab Manager is often asked to supply assistance for other small research projects or related work such as data coding. Given that we want to offer our RAs a diverse set of experiences in their time with us we are often able to ask RAs to take on these jobs either as a part of their scheduled shift work or as paid work on their own time.

The SONA System

We use two subscriptions to the online SONA system to coordinate participants and study sessions. Each participant receives a unique SONA identification code which is not associated with any personal information. This is a five or six-digit code that our RAs use to check study attendance. Only the Lab Manager and Lab Coordinator have access to personal information as administrators within the SONA system. We are ethically required to be able to tie participants to their data in such a way that their anonymity is preserved but also allowing us to remove their data post-consent if a participant elects to exercise their right to do so.

We can run many types of studies using the SONA system; in-lab studies, multi-part studies, online studies. Studies are "advertised" on the SONA system once it’s been approved by the Lab Manager to start running. And once a study is approved, the Lab Manager becomes your Research Project Manager and takes care of advertising, recruitment, testing, and reporting.

The Student Credit Pool

The Student Credit Pool consists of students from three classes at Western and at Ivey. This pool is available when classes are in session at Western. We typically do not run studies outside of this time (e.g., Reading Weeks, exam periods). All students in the pool acquire credits for their time in lab. Credits are assigned as 0.5 credit for a half hour or 1.0 credit for an hour of lab time.

Twice per year, August and November, the IBL sends out a mass email to all Ivey faculty and PhD students directing them to a Qualtrics surveys in which they can request to use student credits for the fall (August email) and winter (November email) terms. Credits are allocated by the Lab Manager based on supply of credits and demand by faculty for use of credits. Typically, more credits are available in the winter term simply because more students take part in winter term than in fall term (this is about a 60/40, winter/fall, split most years). In the survey, faculty are asked to request credits separately for each study they would like to run in the lab. They are asked whether they are requesting half or full credits, their ideal and minimum credits required, and they’re also asked for some basics about the study procedure as well as whether their study already has Western REB approval.

The students:
Business 1220 (Introduction to Business) – These Western students require 3.0 credits from the IBL. If they don’t fulfill their credits they lose a percentage off their final grade at a rate of 1% for every 0.5 credit.

Business 2257 (Accounting and Business Analytics) – These Western students require 2.0 credits from the IBL. They require the credits in order to pass their course. They used to require 1.0 credits but the requirement increased recently to 2.0 to accommodate the high research credit demand.

HBA1 – These Ivey students require 2.0 credits in order to complete their requirements to advance to HBA2.

Information about the IBL and credits is shared with the students at the beginning of the year. There is a pdf handout about the Student Credit Pool as well as PowerPoint slides made for professors to use in class and/or put online. The IBL also maintains this information on their relevant public ivery.ca pages. In addition, the Lab Coordinator makes class visits to all 1220 and 2257 sections during the first week of classes to explain all this information to students and answer any questions.

Study timeslots are posted on SONA and students sign up for studies by signing in with the login and password information they’re sent in September. Students can cancel their timeslots on SONA or can cancel by contacting the lab directly before the timeslot. If a student fails to show up for their timeslot, or they’re late for a timeslot that cannot take latecomers, then they are recorded as an unexcused no show in SONA. Two no shows automatically result in being locked out of SONA. They will no longer be able to sign in until the administrator unlocks their account three weeks later. Unlocking an account is achieved by changing one unexcused no show to an excused no show, thus leaving the student with one remaining unexcused no show on their account.

An ethical requirement of running a student pool of participants is that we must offer an alternative method to acquire credits that does not require study participation. There is a review paper component available for students who need to get credit but do not want to participate in studies. These are also tracked in the SONA system by the manual input of credits onto a student’s account. Credit reports are sent to the class and course coordinators in April when the Student Credit Pool closes. This pool is archived for seven years and then deleted from the SONA system each year.

**The Paid Participant Pool**

Though the paid pool can be used all year long, during the weeks that classes are in session, the student credit pool will take precedence in terms of what studies will run and when. This pool is made up of both students (undergraduate and graduate) and staff. This pool is advertised through a mailing list and IBL ivery.ca webpages, as well as at various times through posters across campus or other means. That is, people are invited to join the pool and by joining all they are agreeing to do is to receive emails from the Paid Pool.
SONA system when there are studies with timeslots available. They join the Paid Pool by filling in their information on a Qualtrics survey or contacting the IBL directly.

These participants are paid but control over the quality of participants comes via the credits and no shows that the SONA system records. That is, credits have no value but they do record participation and therefore can be used as exclusionary measures for subsequent studies and unexcused no shows can be used to determine if a participant is chronically late or absent after signing up for timeslots. In the Paid Pool SONA system, a participant is automatically prevented from logging in after five unexcused no shows. There is no time passage associated with lifting the locked-out status. A participant in this pool is locked out until they contact the IBL. At this point the administrator can warn the participant about not showing up for timeslots and reinstate the participant’s active status by changing one unexcused no show to an excused no show. This will leave the participant with four unexcused no shows and will be locked again if they fail to show up without cancelling ahead of time. This pool is regularly “cleaned” for inactive accounts and participants can deactivate, or request deactivation, of their account at any time.

We are continuously working on expanding our Paid Pool. The usual Paid Pool recruitment has been done in the following ways with good success:

Posters across campus using Poster Patrol in the early Fall and Summer; Recruitment from the Credit Pool when debriefing is sent in April; Email recruitment to Ivey staff once every year or so.

Over the past few years, the following additional efforts were put forth:

In the summer of 2022 the lab ordered some swag to help promote the paid participant pool. This included 1800 QR codes, 500 behavioural lab branded stickers, 100 discounted Ivey branded hats, and 300 behavioural lab branded drawstring bags. These items have been included in the promotional events detailed below and will continue to be used while supplies last.

We booked spaces, specifically two booths, in the summer of 2023, and winter of 2024 between 10:00-3:30 at Sommerville House and the University Community Center. The booths were run by the Lab Coordinators, Sereena, and Edden. These booths used drawstring bags to promote on-the-spot sign ups, and achieved multiple sign ups over the 2 days.

**Grant-Funded Projects**

The IBL is funded through Ivey Research. Faculty research that is funded internally is supported by Ivey Research and is eligible to be run in the lab. For research studies that are supported by external grants such as any Tri-Council grants, there was a charge per participant when the lab was under the management of Dr. Karen Hussey. These lab fees helped to support and maintain the IBL. That said, these fees have not been charged to
researchers since her retirement and discussions are ongoing as to whether they will be reinstated. Lab fees also apply to any studies with non-Ivey PIs.

Some Basic Logistics of Running in the IBL

Researchers will need to fill out the request for credits form or contact the Lab Manager in order to make use of the IBL services. Studies are run on a first-come, first-serve basis for the most part. Written procedures will be developed for each study run in the lab. These are used for training RAs and to make sure that there is complete clarity and understanding between researcher and the lab on the study procedure prior to testing.

The Lab Manager and Lab Coordinator create each week’s schedule for testing in the lab. In order to maximize interest and participation for the Student Credit Pool a number of studies are offered at once unless a special project demands otherwise (e.g., use of another location or time sensitivity). This also takes best advantage of the nature of the Student Credit Pool over the course of each term. For instance, in the early fall we know that a number of students will be eager to take part either to get their credits completed or because of their inherent interest in research. Having only a single study running at one time, especially if it requires a large number of participants, would exhaust interest quickly and result in timeslots that were not maximizing space and RA shifts.

The Lab Manager handles all logistics of running studies in the lab with the aim of maximizing the use of the IBL space and creating efficiencies that move studies through the lab as quickly and as effectively as possible. For most researchers, we would ask that you join the communication application we use for the lab in order to streamline the sharing of files, communicate directly and quickly about the study running, and so that the researcher can see when their study is running via the calendar in the app. Studies that are exceptionally short can be “piggy-backed” onto other studies with the approval of all researchers involved.

The Lab Manager will be included on the REB application as support staff. Though the researcher is the ultimate bearer of the ethical responsibility for treatment and care of the participants, it is in the establishment and use of consistent practices by the IBL that guarantees the core principles of concern for participant welfare and data security. Participants are known to RAs and researchers only by an anonymous code. This preserves anonymity. In order to preserve the participant’s ongoing right to withdraw from a study even post-consent, the IBL tracks anonymous codes to computers at which the participant worked. In this way, if required, the Lab Manager can link data to a known identification. Additionally, all observational diaries are based on locations in the lab, not participant identification. Participants remain anonymous to the researcher but have their right to withdraw preserved.

All but the simplest survey-based studies will result in observational diaries. These are turned over to the researcher once the study is completed. These are most likely digital but could be paper. Diaries are shared in a secure folder on the Ivey server with access
only available to the researcher and the administrators of the IBL. Any financial records are also typically electronic and shared via secure folder or emailed to the researcher for grant accounting.

Because we have a number of eager students who do the bulk of the testing work through the Volunteer Research Assistant Mentorship Program, we can also supply RAs for other work such as data coding. Ivey researchers can speak to the Lab Manager about these arrangements and the work can be done directly with the researcher or managed by the IBL.

**Western Research Ethics**

Any studies run in lab will need Western Research Ethics Board approval. REB applications are handled through the Western Research Ethics Manager (WREM) and the Research Officer in charge of the lab should be added to the REB application as well as Kathy Laid, the Research Officer who submits initial applications after review. The IBL offers help and advice on the WREM and REB processes. This help is available to faculty on Learn.

**Study Finances**

When the IBL is running a study, which requires payment to participants we will ask the researcher to bring us enough cash, in the appropriate denominations, to cover the entire study prior to running. We have secure lockboxes for study funds. As new directions were provided by the Ivey internal REB board, the IBL is now collecting participants’ confirmation of receiving compensation for paid studies. In order to maintain anonymity, students sign an electronic sheet that has their unique SONA IDs upon receiving the compensation. Only the LM and LC have access and can track SONA IDs to participants’ personal information in SONA (name, email address). We also create a spreadsheet to track individual payments and an accounting of money received from the PI, used by the lab, and returned to the PI. This will be transmitted electronically to the PI once the study is complete and can be used for reconciling accounts with Finance.

**Appendix B: 2023/2024 Credit Pool Studies in Brief**

Below is the list of the credit-only research studies conducted in the Behavioural Lab from September 2023 to April 2024. A debriefing document with study details was compiled and sent to our students after the Student Credit Pool was closed. The study information was provided by the PIs and were compiled by IBL staff in no particular order.

**Study Title:** Consumer Experience

**Researcher Contact Information:** Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca; Dr. Miranda Goode, Co-Investigator, Marketing, mgoode@ivey.ca;
Zuzanna Jurewicz, PhD Student, Marketing, zjurewicz.phd@ivey.ca; Ethan Milne, PhD Student, Marketing, emilne.phd@ivey.ca

Related References:


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**Study Title**: Consumer Experience 2

**Researcher Contact Information**: Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca; Dr. Miranda Goode, Co-Investigator, Marketing, mgoode@ivey.ca; Zuzanna Jurewicz, PhD Student, Marketing, zjurewicz.phd@ivey.ca; Ethan Milne, PhD Student, Marketing, emilne.phd@ivey.ca

**Related References**:  


psychology, 82(6), 878.


**Study Title:** Consumer Judgement of Firm Decisions

**Researcher Contact Information:** Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca; Ethan Milne, PhD Student, Marketing, emilne.phd@ivey.ca

**Related References:**


**Study Title:** Training in Problem Solving (Rebus Study)

**Researcher Contact Information:** Dr. Kun Huo, Co-Investigator, Managerial Accounting and Control, khuo@ivey.ca

**Related References:**


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**Study Title:** Pay Policy and Business Decision-making in Teams

**Researcher Contact Information:** Dr. Kun Huo, Co-Investigator, Managerial Accounting and Control, khuo@ivey.ca

**Related References:**


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**Study Title:** Preferences of Consumers

**Researcher Contact Information:** Dr. Rod Duclos, Principal Investigator, Marketing, rduclos@ivey.ca; Co-investigator Amir Sepehri, Marketing, asepehri.phd@ivey.ca; Li Tongmao, PhD Student, Marketing, tli.phd@ivey.ca; Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca; Dr. Miranda Goode, Co-Investigator, Marketing, mgoode@ivey.ca; Zuzanna Jurewicz, PhD Student, Marketing, zjurewicz.phd@ivey.ca; Ethan Milne, PhD Student, Marketing, emilne.phd@ivey.ca

**Related References:**


**Study Title:** Resources and Product Usage

**Researcher Contact Information:** Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca; Dr. Miranda Goode, Co-Investigator, Marketing, mgoode@ivey.ca; Zuzanna Jurewicz, PhD Student, Marketing, zjurewicz.phd@ivey.ca; Philippe Wodnicki, PhD Student, Marketing, pwodnicki.phd@ivey.ca; Ethan Milne, PhD Student, Marketing, emilne.phd@ivey.ca

**Related References:**


**Study Title:** Society and Consumers

**Researcher Contact Information:** Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca; Dr. Miranda Goode, Co-Investigator, Marketing, mgoode@ivey.ca; Zuzanna Jurewicz, PhD Student, Marketing, zjurewicz.phd@ivey.ca; Philippe Wodnicki, PhD Student, Marketing, pwodnicki.phd@ivey.ca

**Related References:**


**Study Title:** Consumer Judgement of Firm Decisions 2
**Researcher Contact Information:** Dr. Kirk Kristofferson, Principal Investigator, Marketing, k kristofferson@ivey.ca; Dr. Miranda Goode, Co-Investigator, Marketing, m goode@ivey.ca; Ethan Milne, PhD Student, Marketing, emilne.phd@ivey.ca

**Related References:**


**Study Title:** Consumer Prosociality and Moral Judgements

**Researcher Contact Information:** Dr. Miranda Goode, Principal Investigator, Marketing, m goode@ivey.ca; Dr. Kirk Kristofferson, Co-Investigator, Marketing, k kristofferson@ivey.ca; Philippe Wodnicki, PhD Student, Marketing, pwodnicki.phd@ivey.ca; Ethan Milne, PhD Student, Marketing, emilne.phd@ivey.ca

**Related References**


**Study Title:** Product Perception and Moral Judgements

**Researcher Contact Information:** Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca; Dr. Miranda Goode, Co-Investigator, Marketing, mgoode@ivey.ca; Ethan Milne, PhD Student, Marketing, emilne.phd@ivey.ca; Zuzanna Jurewicz, PhD Student, Marketing, zjurewicz.phd@ivey.ca

**Related References:**


**Study Title:** Product Perception 2 (VR)

**Researcher Contact Information:** Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca

**Related References:**

**Study Title:** Consumer Perception of Product Promotion

**Researcher Contact Information:** Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca; Dr. Miranda Goode, Co-Investigator, Marketing, mgoode@ivey.ca; Jeffrey Boichuk, Principal Investigator, Marketing, jboichuk@ivey.ca; Zuzanna Jurewicz, PhD Student, Marketing, zjurewicz.phd@ivey.ca; Philippe Wodnicki, PhD Student, Marketing, pwodnicki.phd@ivey.ca

**Related References:**


**Study Title:** Fiction

**Researcher Contact Information:** Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca; Dr. Miranda Goode, Co-Investigator, Marketing, mgoode@ivey.ca; Zuzanna Jurewicz, PhD Student, Marketing, zjurewicz.phd@ivey.ca; Ethan Milne, PhD Student, Marketing, milne.phd@ivey.ca
Related References:


Study Title: Consumer Time Use and Experience

Researcher Contact Information: Dr. Kirk Kristofferson, Principal Investigator, Marketing, kkristofferson@ivey.ca; Dr. Miranda Goode, Co-Investigator, Marketing, mgoode@ivey.ca; Zuzanna Jurewicz, PhD Student, Marketing, zjurewicz.phd@ivey.ca; Ethan Milne, PhD Student, Marketing, milne.phd@ivey.ca

Related References:


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**Study Title:** Women's Online Fashion Outfit Design

**Researcher Contact Information:** Dr. Mengxia Zhang, Principal Investigator, Marketing, mezhang@ivey.ca

**Related References:**


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**Study Title:** Financial Lab Market 1, 2, 3, 4

**Researcher Contact Information:** Dr. Matthew Sooy, Principal Investigator, Managerial Accounting and Control, msooy@ivey.ca

**Related References:**

**Study Title:** Judgment and Decision Making

**Researcher Contact Information:** Dr. Rod Duclos, Principal Investigator, Marketing, rduclos@ivey.ca; Co-investigator Amir Sepehri, Marketing, asepehri.phd@ivey.ca

**Related References:**


**Appendix C: A Non-Exhaustive List of Knowledge Exchange from the IBL Publications**


https://doi.org/10.1177/0022242920984492


Sooy, M., Barradale, N. J., & Goodson, B. (2024) Alternative accounting measurement bases and price efficiency in laboratory asset markets: Does marking to market matter? Accepted for Publication: Behavioral Research in Accounting


Book Chapters


Conferences Presentations and Invited Talks


Castelo, Noah, Kristofferson, K., Main, K., & White, K. (2018). *Don’t tell me who I am! When and how assigning consumers an identity backfires*, Association for Consumer Research Conference, Dallas, TX.


Chung, D. & Parker, S. (2019). *The effects of founder prestige on job seeker evaluations of start-ups: Results from laboratory experiments*, Great Lakes Entrepreneurship Network (GLEN), Minneapolis, MN.


The relationship between category cues, categorization certainty and newness perceptions, Association for Consumer Research Conference, Jacksonville, FL.


Huo, K. (2019). When less is more: The benefit of partial relative performance information on creative problem solving, Global Management Accounting Research Symposium, Lansing, MI.

Huo, K. (2019). Mitigating the negative effects of causal models: Encouraging a
hypothesis testing mindset and managers’ quantitative knowledge, CAAA Annual Meeting, Ottawa, ON.


Huo, K. (2017). Fighting collusion with disparity, CAAA Annual Meeting, Montreal, QC.


Kristofferson, K (2022). *The disability preference stereotype: Physical disability shapes inferences of utilitarian and hedonic preferences*, Wilfred Laurier University, ON.


Kristofferson, K (2024). *How do physical disability cues Influence assumptions about consumer tastes? Unpacking the disability preference stereotype*, Oregon State University, OR.

Kristofferson, K., Daniels, M., & Morales, A. (2019). Positive effects from negative virtual experiences: How virtual reality can be used effectively in marketing, Association for Consumer Research, Atlanta, GA.


Kristofferson, K., Daniels, M., & Morales, A. (2019). Positive effects from negative virtual experiences: How virtual reality can be used effectively in marketing, Theory and Practice in Marketing, Columbia University, New York, NY.


Sepehri, A. (2019). *Would you please raise money for me? New insights into the psychology of giving in the v2.0 Era,* AMA CBSIG, Bern, Switzerland.


Sepehri, A. (2019). *Would you please raise money for me? New insights into the psychology of giving in the v2.0 Era,* European Marketing Academy, Hamburg, Germany.


Working Papers, Papers in Progress, and In Review

**Duclos, R. & Khamitov, M.** *Psychology of gambling*, 1st round at JPSP.


**Goswami, K.**, *The Bane of abundance and perceived unfairness on creativity*, Under Review at Organizational Behavior and Human Decision Processes (OBHDP)/ Special Issue on “Creativity in Organizations”

**Huo, K. & Berger, L.** *When less is more: The benefit of partial relative performance information on creative problem-solving performance*, Preparing for journal submission

**Huo, K. & Sooy, M.** *The effect of sanction target on manager's compliance with regulations*, Accepted for CAAA and AAA. Manuscript in preparation for submission to the Journal of Business Ethics.


**Milne, E., Kristofferson, K., & Goode, M. R.** *Fanfiction: When Copyright Violation Benefits Brands*, Manuscript in preparation for submission to the Journal of Marketing

**Milne, E., Goode, M. R., & Kristofferson, K.** *Retributive philanthropy*, received third-round invited revision at the Journal of Marketing Research


Nastasoiu, A., Bagga, C., Bendle, N., & Vandenbosch, M. *A construal level account of loyalty point spending and stockpiling behavior*. Manuscript in Preparation for journal submission.

Pun, H., Yan, T., & Ribbink, D. *Supplier competitive bidding in an innovation outsourcing triad: A multi-method investigation*. Work in Progress


Sepehri, A., Duclos, R., Vinoo, P., Kristofferson, K., & Elahi, H. *Charitable giving 2.0: Insights into the psychology of online, peer-to-peer fundraising*. 2nd round at the Journal of Consumer Psychology.


Sooy, M. *Mispriing, bubbles, and option values: an extreme beliefs perspective*


