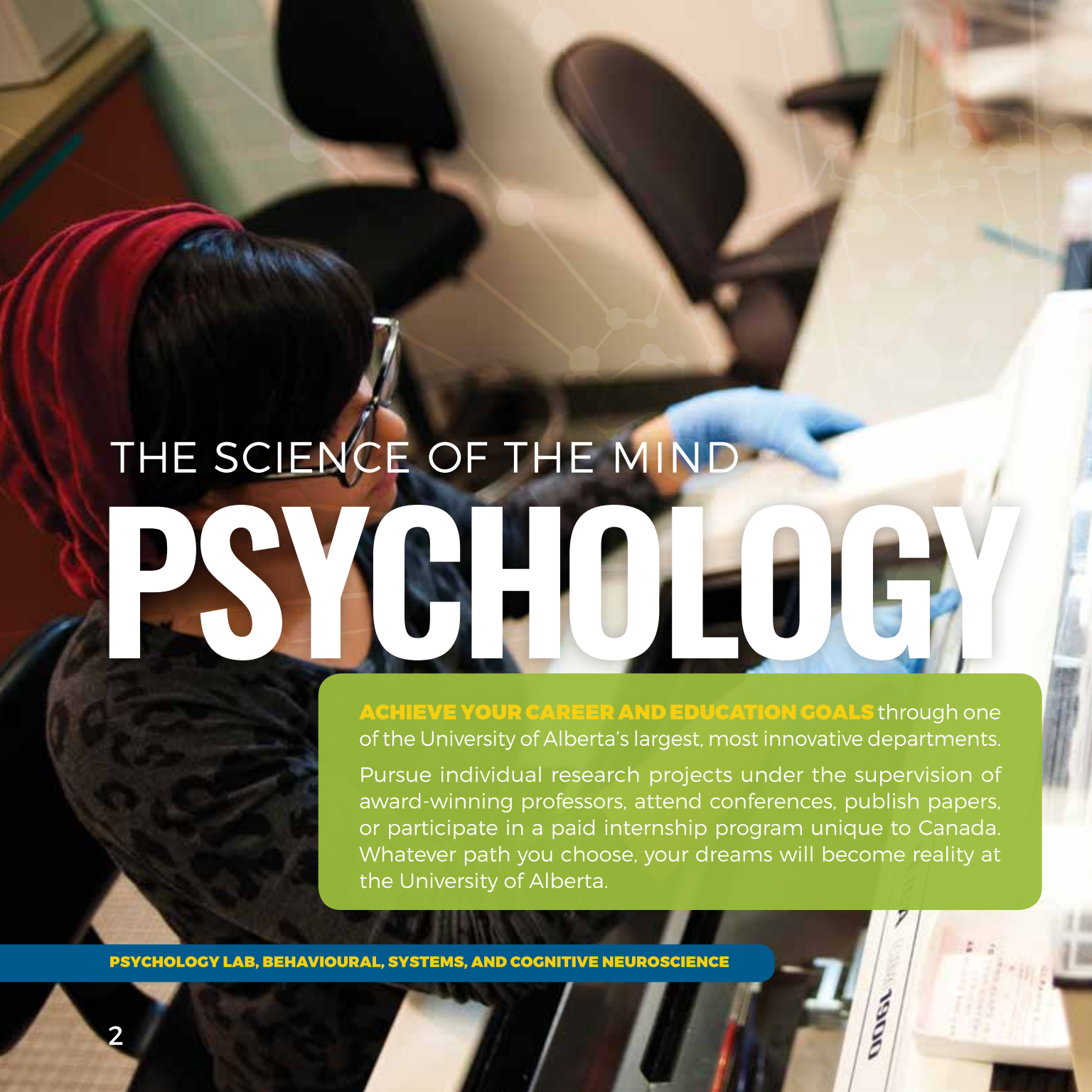
DISCOVER

PSYCHOLOGY

UNDERGRADUATE STUDIES

Faculty of
SCIENCE
University of Alberta



THE SCIENCE OF THE MIND

PSYCHOLOGY

ACHIEVE YOUR CAREER AND EDUCATION GOALS through one of the University of Alberta's largest, most innovative departments.

Pursue individual research projects under the supervision of award-winning professors, attend conferences, publish papers, or participate in a paid internship program unique to Canada. Whatever path you choose, your dreams will become reality at the University of Alberta.

PSYCHOLOGY LAB, BEHAVIOURAL, SYSTEMS, AND COGNITIVE NEUROSCIENCE

A DIVERSE DEPARTMENT

THE DEPARTMENT OF PSYCHOLOGY AT THE UNIVERSITY OF ALBERTA is shared between the Faculty of Science and the Faculty of Arts and is one of the largest and best-known departments of its kind in North America.

While our students choose to pursue either a science degree or an arts degree, they are not confined within these boundaries. Our strength is in our unique diversity. We can offer our students access to shared resources, a wide range of work experience placements, and opportunities to participate in interdisciplinary research.

Students can collaborate with professors in either discipline to find their niche and select electives from either side of psychology giving them a tailored and well-balanced education.

COLLABORATIONS

Our department works closely with several other disciplines at the university. Many professors have close connections to the Neuroscience and Mental Health Institute where they play an integral role, conducting research on various diseases and disorders.

The Community-University Partnership for the Study of Children, Youth, and Families (directed by members of the Department of Psychology) is an important collaboration between the University of Alberta and our local community. It allows us to connect our research and new developments to the community by bringing researchers, practitioners, and community members together to collaborate on important issues and programs.

OUR PROGRAMS

Driving simulator in our **ATTENTION AND ACTION LAB.**

OUR DEGREE PROGRAMS

PSYCHOLOGY DEGREES AT THE UNIVERSITY OF ALBERTA are available through the Faculty of Arts (BA) and the Faculty of Science (BSc). Students wishing to emphasize the physical, biological, and mathematical sciences should enroll in the BSc program, while those wishing to emphasize the humanities and social sciences should enroll in the BA program.

GENERAL DEGREE WITH A MAJOR OR MINOR IN PSYCHOLOGY (AVAILABLE IN BOTH FACULTIES)

A General degree provides a broad education in arts or science and allows students more versatility in course selection. Students can select a psychology major or minor in either degree.

SPECIALIZATION DEGREE IN PSYCHOLOGY (AVAILABLE AS A SCIENCE DEGREE ONLY)

Our Specialization degree is a more focused program allowing students to hone their skills in the particular domain of psychology that interests them.

HONORS DEGREE IN PSYCHOLOGY (AVAILABLE IN BOTH FACULTIES)

The Honors degree is also highly focused and structured, but includes an additional research component. Honors Psychology students design, administer, analyze, and disseminate their own research project with the support of a faculty member with shared research interests.

COMBINED HONORS DEGREE (AVAILABLE AS AN ARTS DEGREE ONLY)

This program is suitable for students interested in completing a BA Honors degree, but in two disciplines.

UNDERGRADUATE COURSES:

ARTS (PSYCHOLOGY) courses are generally more related to the social sciences, such as sociology and anthropology. Topics include social psychology, child development, personality, and abnormal psychology.

SCIENCE (PSYCHOLOGY) courses are generally more associated with the natural ("physical") sciences, such as physics and biology. Topics include information processing, perception, learning, and the study of the brain.

SEE ADMISSIONS.UALBERTA.CA FOR THE ADMISSIONS REQUIREMENTS

THE VALUE OF RESEARCH

SHEREE KWONG SEE, Associate Professor and Behavioural Psychologist, uses puppets to test whether children respond differently based on stereotypes of older people.

UNDERGRADUATE OPPORTUNITIES

AS PART OF A RESEARCH INTENSIVE UNIVERSITY, the Department of Psychology understands the importance of learning and discovery, and offers many opportunities for undergraduate students to engage in research.

BSc OR BA HONORS DEGREE PROGRAM

STUDENTS IN HONORS PSYCHOLOGY learn to design, run, and report their own studies on questions no one has asked before. Professors accept both arts and science undergraduates to work in a lab for two years to collaborate on a research question.

Throughout the honors program, students also spend time with a cohort of students, completing their own research projects at different rates. Not only is this experience the ideal preparation for graduate school and future work in research, it also helps to create a standout academic resume and network of colleagues in psychology.

OTHER OPPORTUNITIES

PSYCHOLOGY STUDENTS CAN ALSO GET INVOLVED with research through the Undergraduate Research Initiative (URI) and through various awards like the NSERC Undergraduate Student Research Awards.

WHERE CAN PSYCHOLOGY TAKE YOU?

UNDERGRADUATE STUDENT, DANIELLE CORMIER spent a year as a psychology intern at Millard Health. In this role, she administers biofeedback and neurofeedback to individuals experiencing either chronic pain, traumatic psychological injury or head trauma.

She is currently conducting research into Mindfulness-Based Stress Reduction (MBSR) and its effects on these populations as part of the research project component of the internship.

Source: **WWW.WOABLOG.COM/2015/02/STUDENT-VOICES-INTERVIEW-WITH-AN-INTERN/**

MARKETABLE SKILLS

PSYCHOLOGY STUDENTS THINK IN FLEXIBLE WAYS. They are great problem-solvers who apply their knowledge effectively in countless situations. Through our undergraduate psychology program, you will develop and enhance the following:

- Critical and analytical thinking abilities
- Research skills, in both the library and the lab
- Oral and written communication skills

A psychology degree is widely applicable to a variety of careers and opportunities for further education. Upon completing their degree, our students have found careers in the following industries:

- Mental Health
- Social Services
- Criminal Justice
- Research
- Youth Work
- Marketing and Public Relations
- Health Services
- Gerontology
- Technical Writing
- Non-profit
- Government
- Teaching
- Labour Relations

WORK EXPERIENCE

The Science Internship Program (SIP) and the Arts Co-operative Education (Work Experience) Program in the Department of Psychology, collectively known as the Internship Program in Psychology (IPP), bridges academic learning of theory with community application of knowledge. Paid internships are available within areas such as health, education, research, and justice. Students develop practical skills such as analyzing quantitative and qualitative data, building rapport with clients, and providing support, psychometric assessment, and much more. These critical thinking, leadership, and time-management skills provide students with a competitive edge when applying for jobs, research settings, or graduate school, and help to discern a future career path.

A capstone course following the work experience then further refines students' professional profiles by focusing on resume building, networking, and developing practical skills before entering graduate school or the workforce.

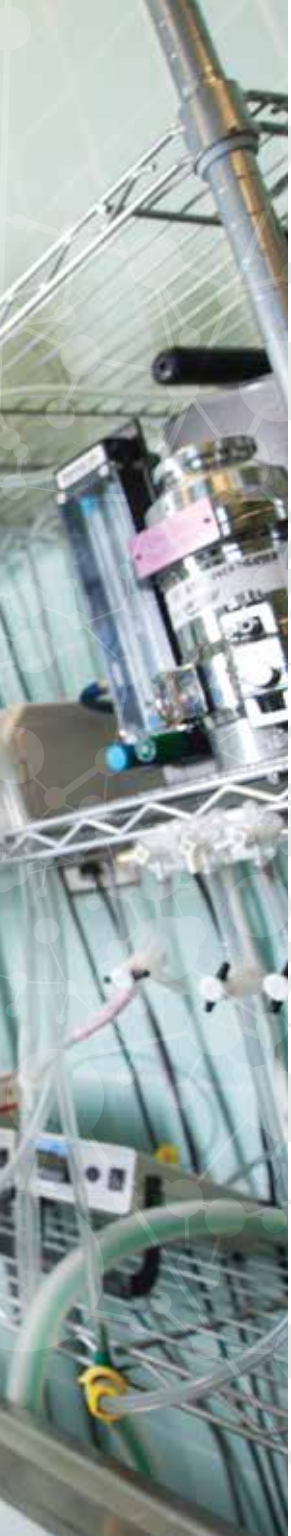
SUPPORTING YOUR EDUCATION

DID YOU KNOW?

SOME 50,000 CANADIANS SUFFER from strokes each year, with many caused by interrupted blood and oxygen flow to the brain, or cerebral ischemia. Fred Colbourne, Professor and Canada Research Chair in Intracerebral Hemorrhagic Stroke, has been working to buy time and save brain function by fine-tuning hypothermia as a treatment protocol.

The treatment came about from old observations that near-drowning victims could survive with relatively little brain damage provided they had a low body temperature.

Researcher in the **STROKE NEUROPROTECTION AND NEUROPLASTICITY LAB**



LABS AND FACILITIES

OUR DEPARTMENT IS HOME to a diverse list of research labs speaking to the breadth of topics and opportunities for our students to pursue.

In addition to three research centres, we have the following specialized research laboratories and facilities:

- Alberta Brain & Cognitive Development
- Attention and Action Lab
- Biological Computation Project
- Bird Brains
- Brain Rhythms Lab
- Comparative Spatial Cognition
- Complex Cognition
- Computational Memory Lab
- Culture and Cognition
- Intercultural Communication
- Peers Lab
- Quantitative Psycholinguistics
- Sex and Violence Lab
- Songbird Neuroethology
- Stroke Neuroprotection and Neuroplasticity
- Victoria Longitudinal Study (Investigation of Human Aging)
- Virtual Environments and Spatial Cognition Lab

YOUR COMMUNITY

THE UNDERGRADUATE PSYCHOLOGY ASSOCIATION (UPA) helps connect students with career opportunities, professors, and like-minded peers through fairs, gatherings, and the Peer Mentorship Program.

They also host weekly coffee socials and organize promotional, educational, and fundraising events throughout the year.

DISCOVER PSYCHOLOGY

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