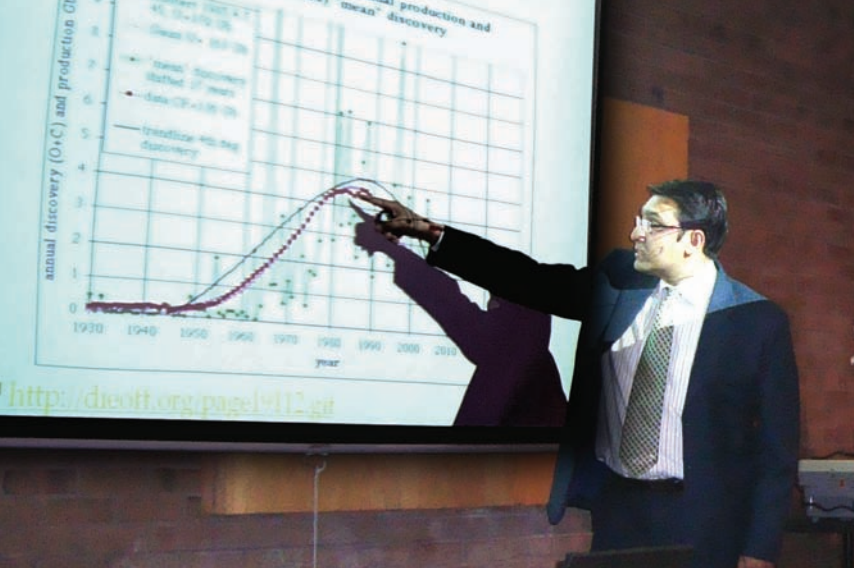


# INNOVATION IN GRADUATE TRAINING



MANAGEMENT SCIENCES MECHANICAL ENGINEERING ELECTRICAL AND COMPUTER ENGINEERING SYSTEMS DESIGN HEALTH STUDIES AND GERONTOLOGY KINESIOLOGY RECREATION AND LEISURE LOCAL ECONOMIC DEVELOPMENT GEOGRAPHY SOCIOLOGY POLITICAL SCIENCE HISTORY PSYCHOLOGY GERMANIC AND SLAVIC STUDIES RELIGIOUS STUDIES ANTHROPOLOGY COMMERCIALIZATION  
SCHOLARY RESEARCH ↔ KNOWLEDGE BROKERS ↔ POLICY DEVELOPMENT  
IMPROVED PRACTICE



# WHY we do it!

The new **knowledge economies** will be led by professionals who know how to:

- Increase the visibility and uptake of academic research
- Build strong partnerships across sectors
- Use research to drive technological, social, and health innovations
- Meet demands for academic accountability
- Bring evidence to bear on decision making

Students use knowledge broker skills to:

- Advance their academic careers
- Compete for public/private sector employment as knowledge transfer specialists

## After Installation, Who Cares When Your Water System Fails?

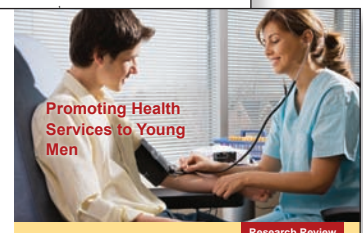


Image 1. Repair crew returns pump works fine well in Yonge, Zambia

University of Waterloo  
Knowledge Mobilization to Serve Society

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## Promoting Health Services to Young Men



Research Review

Several factors deter male youth from accessing community health services. These include the negative stigma associated with being sexually active or being seen using clinic services, as well as structural factors such as cost, accessibility, operating hours and waiting times. Moreover, concerns about confidentiality and lack of familiarity with the practitioner, as well as feelings of fear and anxiety surrounding examinations and diagnoses, contribute to the reluctant attitude young men display toward health clinics. There are several effective ways of designing and promoting health services to accommodate male youth.

Recommendations based on research findings:

- Offer flexible and convenient operating hours.
- Provide exclusively male sessions and confidential services.
- Promote a male-friendly, safe, comfortable and informal environment.
- Encourage providers to use everyday language, humour and demonstrations.
- Enlist providers who are respectful, non-judgemental, attentive, honest and sex-positive.
- Use schools to promote the centre (announcements, agendas, homeroom reminders).
- Raise awareness of the centre through word of mouth.
- Distribute flyers throughout the community and at community events.
- Hire male outreach workers to inform youth of services, location and hours.

# HOW we do it!

Two stand alone interdisciplinary courses provide the latest strategies, techniques, and theories in **knowledge transfer** and **research outreach**. Guest lectures provide wide-ranging expertise from faculty, provincial ministries, industry, funding agencies, social and health services, and the press.

**Arts 600: Knowledge Mobilisation to Serve Society (cross-listed HSG 654)**

**Arts 601: Building Community University Research Alliances (cross-listed HSG 655)**

Knowledge transfer training is offered to **all UW graduate students** regardless of discipline.

## SYSTEMATIC REVIEWING

### FACTS & FINDINGS

Scoped  
Gathered  
Weighed  
Synthesized  
Summarized

### METHODS

Formalized  
Transparent  
Reliable  
Collaborative  
Dispassionate

## DISSEMINATION TRAINING

### PRODUCTS

Environmental Scans  
Briefs  
Fact Sheets  
Guidelines  
Presentations  
Videos

### PURPOSE

Policy Development  
Funding Proposals  
Health Promotion  
Investment Reports  
Program Evaluation  
Trouble-shooting

## PUTTING RESEARCH TO WORK

Catalyzing strategic relationships  
Identifying knowledge needs  
Customizing for application



Grandparents and Storybook Reading: A First Step to Literacy

Research Review

*Commit energy and resources to becoming noted for research in “knowledge exchange,” connecting and communicating with people technologically, cognitively and comprehensively;*

UW Strategic Research Plan (2007-2011)

## Algae as Biofuel



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Knowledge Mobilization to Serve Society

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Tips for Bringing Research to Your Organisation

**CAPACITY  
DEMOGRAPHY  
EVIDENCE  
EVALUATION**

BCURA

theclenceshop

WATERLOO  
ARTS

WATERLOO  
APPLIED HEALTH  
SCIENCES



Knowledge **Impact**  
strategies



## What the students say:

*This class challenged some of my views on topics such as: what is knowledge, what is science, who is the scientist and what is her/his role in society, what is the academic-public relation and whose role is it to initiate, and what is the responsibility of a publicly funded researcher in an academic environment?*

*As a researcher in training, it was useful to me to know that my skills might be needed outside academia.*

*By actually doing a project with a stakeholder from beginning to end I've developed a better appreciation for the role of society in research and I've also seen how, with only a few tweaks to the overall research process, knowledge acquired can actually reach those who want it.*

*A knowledge mobilisation course should be an essential part of training and education for all graduate students and researchers. Understanding the research process is incomplete without it.*

*Having acquired these skills I will be able to use them in other projects, such as my current MA thesis research.*

## What the clients say:

*As a top fitness professional it is crucial that I stay up-to-date with the research, however this can be a daunting task. ARTS 600 saved me countless hours of research and has packaged this material into a product that I can put to use in my business right away.*

*Layering of easily readable materials on top of progressively more depth... Brilliant concept!*

*This [report] is gold!*

*While working on funding applications for my program expansion, this report will be my "bible"*

For more information  
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<http://www.psychology.uwaterloo.ca/people/faculty/kbloom/index.html>

Cover indicates departments served by Arts 600/601 to date