

Life at IRMACS

Azadeh Alimadad

April, 2008

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First Project

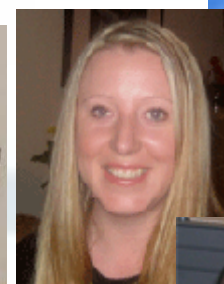
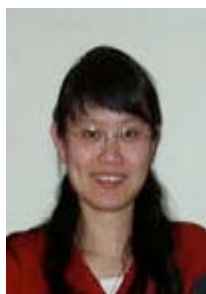
- **Modelling HealthCare Demand**

British Columbia Ministry of Health

IRMACS → CSMG



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- **Modelling in Criminology**

- The Criminal Justice System
- Computational Criminology
- Modelling Criminal Justice Systems Series and Book

- **Modelling in Healthcare**

- Acute care Project
- Modelling Home and Community Care
- Surgical Waitlist Project
- Modelling in Healthcare Seminar Series and Book

- **Models of Chronic and Infectious Diseases**

- Determinants of Obesity
- Epidemiology of HIV

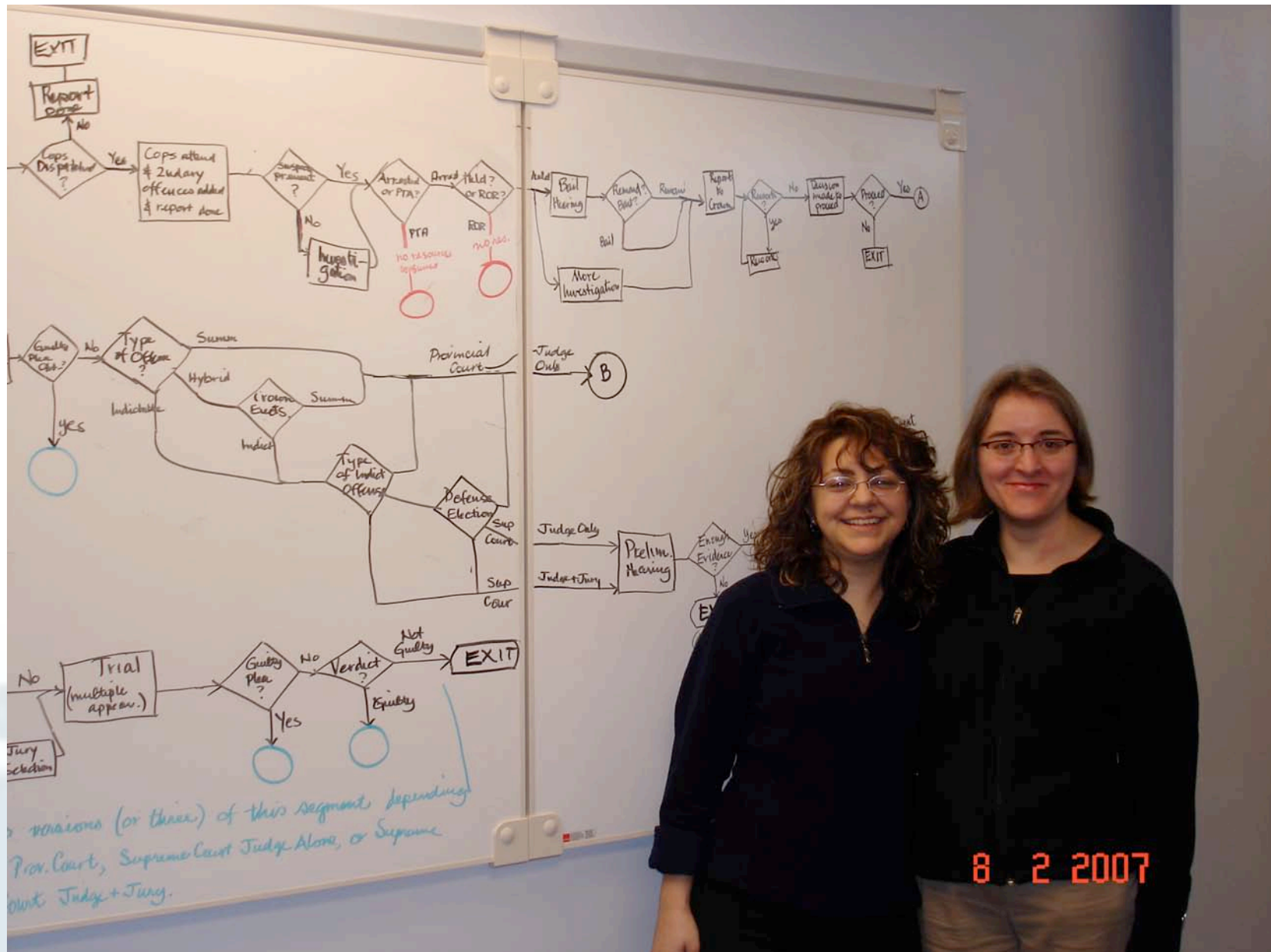
What Makes Work at IRMACS Different?

- Constant intellectual challenge
- Amazing technology
- On-site celebrations and receptions
- After-hours fun with colleagues



Motivation

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One Friday: After an one-hour meeting with the Ministry and five hours of discussion, we organized our thoughts. But nobody volunteered to redraw the flowchart on paper.



Two weeks later: Last-minute review on the ferry to Victoria, before presenting the first draft of the model

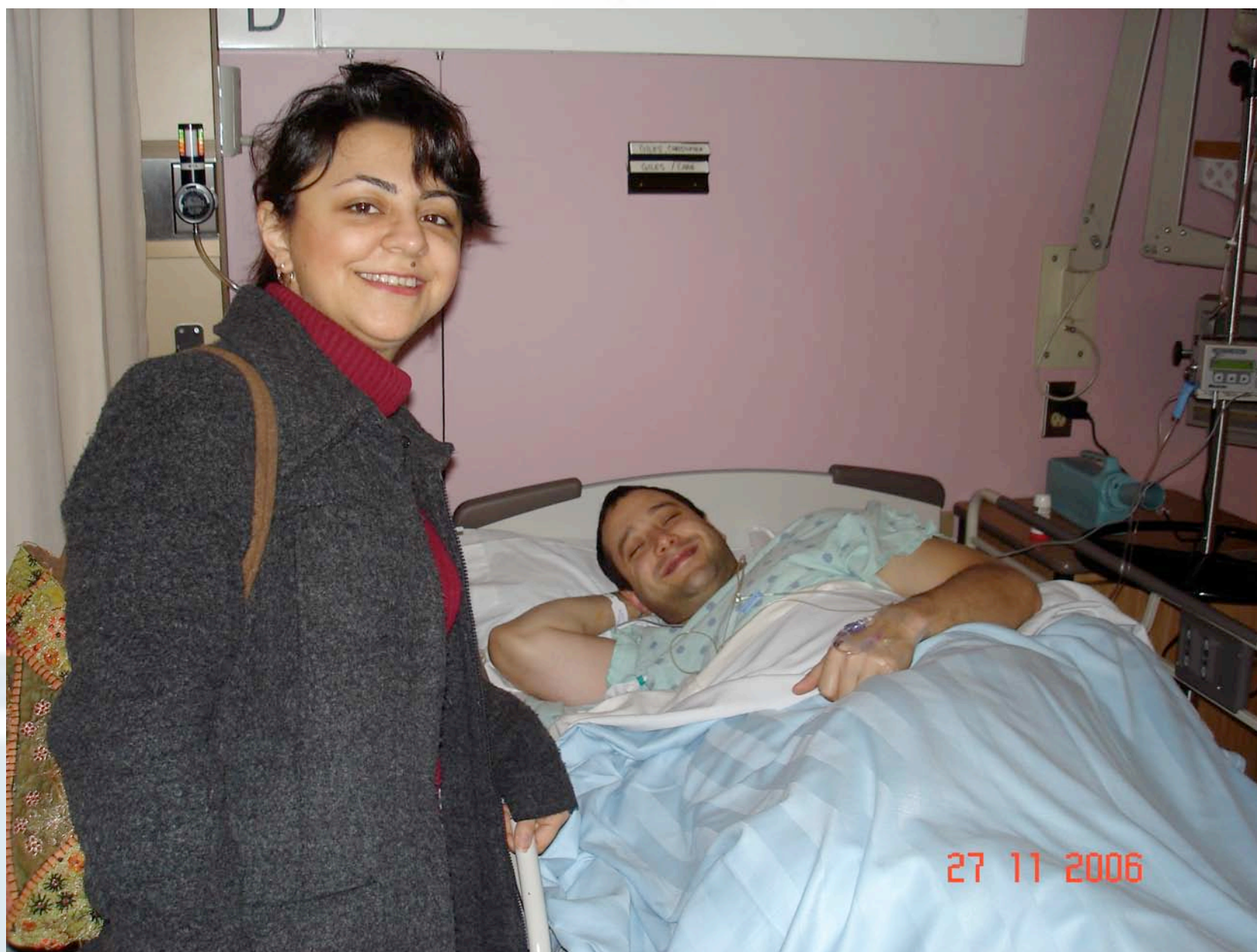












COMPLEX SYSTEMS MODELLING GROUP



AZADEH ALIMADAD APRIANEH BAKHTIARI POUYA BASTANI PAM BORCHARDT PETER BORWEIN VAHID DARRAGHIAN

RON FERGUSON ELLEN FOWLER AMIR GHASEMINEJAD CHRIS GILES YURI GUSEV WARREN HARE JENNY LI

NATASHA RICHARDSON ALEXANDER RUTHERFORD KRISTINA VASARHELYI LES VEITENI ALEXA VAN DER WAALL YANCHAO WANG