

PATRICIA M CHAFE, PH.D.

28 Trump Ave,
Ottawa, Ontario, CANADA K2C 4A7
Email: patricia@jumpbeyond.ca

Personal Profile

Born: Antigonish, Nova Scotia
Citizenship: Canadian
Maiden Name: Patricia Marie Benoit

Professional Profile

- Current: Founder and President: Jump Beyond Inc., Strategic Analysis Consulting for Sport and Leisure, Ottawa, Ontario
Consulting work includes (but not limited to):
- *Primary provider of performance analysis for the Canadian National Figure Skating team; performance analyst for the 2006 Canadian Olympic Figure Skating team.*
 - *Development and implementation of on-line, subscription-based performance analysis tools for developmental athletes and coaches in figure skating*
 - *Facilitation of several strategic planning workshops for amateur sport, including comprehensive review of high performance support system for figure skating in Canada.*
 - *Analytical support to the development of the Long-Term Athlete Development Model for figure skating.*
 - *Performance and Statistical analysis for various television networks:*
 - **CBC**, 2008 World Figure Skating Championships;
2007 Skate Canada International
 - **CTV**, 2005 & 2006 Skate Canada International;
2007 Canadian Figure Skating Championships
 - **NBC Sports**, 2008 US National Figure Skating Championships;
2006 Olympic Winter Games
- Current: Sessional Lecturer: School of Mathematics and Statistics, Carleton University, Ottawa, Ontario
- 2002-2005: Director of Planning and Analysis: Skate Canada, Ottawa, Ontario
Primary duties included (but not limited to):
- *Comprehensive analysis of scoring of judge sport*
 - *Development and implementation of a new scoring system for figure skating in Canada*
 - *Support to the International Skating Union in the development of a "New Judging System"*
 - *Development and implementation of a balanced-scorecard framework for strategic planning within the organization*
 - *Development and implementation of training material for high performance coaches and officials*
 - *Quantitative analysis of results and trends of high performance sport in Canada and abroad to support organizational decision making and Sport Canada/ COC funding submissions*
- 2000-2002: Defense Scientist: Maritime Operations Research, Department of National Defense, Ottawa, Ontario
- 1997-2003: Assistant Professor of Mathematics at various universities:
University of Ottawa (2003), University of New Brunswick-Saint John (1999-2000), St. Francis Xavier University (1997-1999)

EDUCATION and SKILLS

Education:

- 1999: *Doctor of Philosophy*, Dalhousie University, Halifax, Nova Scotia
- 1992: *Bachelor of Education*, Dalhousie University, Halifax, Nova Scotia
- 1991: *Masters of Mathematics*, University of Waterloo, Waterloo, Ontario
- 1989: *Bachelor of Science*, Dalhousie University, Halifax, Nova Scotia

Continuing Education Courses

- Effective Technical Writing, 2002 (Public Service Commission of Canada)
- System Dynamics Simulation Modeling - Vensim, 2001 (Department of National Defence)
- Simulation and Modeling Analysis, 2001 (Avrill Law and Associates)
- Basic Electronic Warfare, 2001 (Department of National Defence)
- Standard Maritime Warfare, 2001 (Department of National Defence - Maritime Warfare School)
- Microsoft Access Data-Base Management (Intermediate and Advanced), 2000
- Teaching in University Program, 1999 (Dalhousie University)

Computing Skills

- Languages: Pascal, FORTRAN, ProLog, Basic, MAPLE, Mathematica, MatLab, HTML, LaTeX
- Operating Systems: UNIX (SunOS, Solaris), DOS, MSWindows, Windows, MacIntosh
- Software: Microsoft Office Suite, WordPerfect Office Suite, Adobe Acrobat, Adobe Photoshop, Corel Gaphics packages, Maple, MathCad, Mathematica, Minitab, SPSS, Vensim, @RISK

General Skills

Exceptional Motivational, Mentoring and Teaching skills
 Extensive Quantitative and Problem Solving Tools
 Well established Curriculum Development and Assessment skills
 Strong oral and written communication
(including a functional knowledge of French)
 Excellent Interpersonal and Team building abilities
 Proven Management, Leadership and Organizational skills
 Open-minded, Forward-moving and Analytical thinker
 Experienced and effective group facilitator

Interests

Ice and In-Line Skating, Fitness, Cycling, Triathlon, Dance, Music, Reading

REFERENCES

Available on request

ADDENDUM**PROFESSIONAL AND COMMUNITY SERVICE****Recent Service on Professional Committees****2003 – 2007:**

- Member – True Sport Strategy Steering Committee (*previously known as the Canadian Strategy for Ethical Conduct in Sport*)

2000-2002:

- Vice President, Ottawa Chapter, Canadian Operations Research Society
- Member, Organizing Committee, International Conference for Women in Engineering and Science, Carleton University, Ottawa, ON

2000-2001:

- Member - Recruiting Team, Operations Research Division, Department of National Defence

1999-2000:

- Mathematics Division Coordinator, Department of Mathematics, Statistics and Computing Science, UNB-SJ
- Webmaster, Department of Mathematics, Statistics and Computing Science, UNB-SJ
- NSERC Selection Subcommittee #184, Math and Computing Sciences, UNB
- Member, Selection Committee for Math Help Center, Faculty of Science, Applied Science and Engineering, UNB-SJ

Recent Community Service

- Featured Mathematician, Career Cruising – an on-line interactive career resource for high school and University students (<http://www.careercruising.com>) (2002 – present)
- Member, Skate Canada Long Term Athlete Development Steering Committee (2005-present)
- Member, Skate Canada Planning Working Group (2002-2005)
- Volunteer, National Capital Marathon, Kids of Steel races and IRONMAN Lake Placid (2003)
- National Evaluators' Chairperson, Skate Canada (1998-2002)
- Member, Officials' Coordinating Committee, Skate Canada (1998-2002)
- Member, National Judges'-Evaluators' Subcommittee, Skate Canada (1999-2002)
- Member, National Technical Committee, Skate Canada (1999-2002)
- Member, Judges' Coordinating Committee, Skate Canada – Nova Scotia Section (1995-2000)
- Member, Competitions' Committee, Skate Canada – Nova Scotia Section (1998-2001)
- Member, NS Board of Directors, Skate Canada – Nova Scotia Section (1995-2000)
- Chairperson, Highland Area, Skate Canada – Nova Scotia Section (1998-1999)
- Member, Skater Development Committee, Skate Canada – Nova Scotia Section (1998-1999)
- Webmaster, Skate Canada – Nova Scotia Section (1997-2001)