

Abbreviated Curriculum Vitae of
PATRICK J. KYBA
August 2005

Home address:

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Nationality: Canadian
Date of Birth: March 17, 1981

Current Position:

M.Sc. Candidate
Department of Oceanography
Dalhousie University, Halifax, Canada B3H 4J1
EMail: pkyba@dal.ca

Education:

2004-	Dalhousie University, Halifax, NS, Canada M.Sc. Oceanography – Candidate
2003-2004	University of British Columbia, Vancouver, BC, Canada M.A. Economics
1999-2003	University of Alberta, Edmonton, Alberta, Canada B.Sc. in Honours Pure Mathematics

Awards:

2005	Faculty of Graduate Studies Scholarship (3,794)
2005	Faculty Research Grant Scholarship (12,706)
2004	Faculty Research Grant Scholarship (16,500)
2003	Graduated with First-Class Honours (0)
2003	Dean's Honour Roll (0)

Work Experience:

2003-2004	Teaching Assistant, Department of Economics, University of British Columbia
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Committees:

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| 2005-2006 | Vice-President of Dalhousie Oceanography Student Association,
Department of Oceanography, Dalhousie University |
| | Duties include organizing student events and chairing meetings
in the president's absence. |
| 2004-2005 | Student Representative of the Departmental Planning Committee,
Department of Oceanography, Dalhousie University |
| | Duties include evaluating applicants to faculty positions within
the department. |
| 2004-2005 | Conference Co-organiser, Conference of Dalhousie Oceanography
Graduate Students, Dalhousie University |
| | Duties include setting up hardware for talks and chairing
sessions. |
| 2004 | Assistant Fire Warden, St. John's College, University of British
Columbia |
| | Duties included ensuring all residents of a building wing had
evacuated during an alarm. |

Current Research Interests:

Turbulent diffusivities of heat and salt

Resonant triad interactions among internal waves

Refereed Publications:

B. R. Sutherland, P. J. Kyba and M. R. Flynn, "Intrusive Gravity Currents in Two-layer Fluids", J. Fluid Mech., 514, pp 327-353, Sept. 2004

A. P. Mehta, B. R. Sutherland and P. J. Kyba, "Interfacial Gravity Currents: Part II – Wave Excitation", Phys. Fluids, 14, pp 3558-3569, Oct. 2002

Presentations:

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| July 2002 | "What's the story, Morning Glory", 7th Canadian Undergraduate
Mathematics Conference, Calgary, Canada |
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References:

Barry Ruddick
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Others Available Upon Request