GEOG 4210: ENVIRONMENTAL GOVERNANCE
Your potential contributions to/future in environmental governance

Lecture Outline

- citizenship
- work (public sector, private sector, ENGOs, internships)
- further study (post-bac, MA, Env MBA, Env MPA)
- seeking advice & networking
- words of encouragement and wisdom (Liverman, 2004)

Being a better citizen

- In the liberal western tradition, a key (original) aim of universal public education was to promote democracy through the creation of informed citizens
- i.e., universities as a place where one learns to think and become a ‘citizen’
- I hope that this course has exposed you to some novel mechanisms for achieving your environmental goals as a citizen

Finding paid employment

- Getting a job right out of an undergrad program requires:
  - awareness/networking: get to know what is going on generally (e.g. regularly read a newspaper, see www.thegreenpages.ca) or in a narrow field of interest (e.g. www.renewableenergyworld.com, www.cbsr.ca, http://finance.groups.yahoo.com/group/ecominerals/)
  - effort/diligence: getting a full-time job is a full-time job
  - a (deliberate) strategy

- A word on working outside your field of study
  - this is the norm (e.g. 1, 2, 3), and need not be feared!
  - From the U of T career centre:

  A 2004 Survey of Employers has shown that employers across all industries who recruit graduating students believe that communication skills, interpersonal skills, initiative, and organizational fit are the key attributes to succeeding in today’s business climate

- If your goal is to pursue work in a field related to environmental governance...
Environmental Career Listings

- ECO Canada http://www.eco.ca/viewjobs/
- WorkCabin http://www.workcabin.ca/
- GoodWork Canada http://www.planethriendly.net/gw.php
- Thegreenpages.ca http://www.thegreenpages.ca/portal/ca/opportunities.html (or directly via http://feeds.feedburner.com/GreenJobsCanada)

Public sector

- Federal Government
  - Jobs Open to the Public (e.g. current job)
    - if necessary, use an Ottawa region address to submit your application
    - copy and paste requirements into your cover letter
  - Post Secondary Recruitment (every Fall)

- International governmental organizations
  - Target one of interest (e.g. UNEP)

- Ontario Government
  - for general permanent openings, search and apply through www.gojobs.gov.on.ca (e.g. current opening)
  - note their special focus on you: https://www.gojobs.gov.on.ca/YNPS.asp
  - and if openings do not exist, begin a conversation with an individual within particular ministries and programs – e.g. Renewable Energy Facilitation Office

- Conservation Authorities
  - Conservation Ontario job postings at http://www.conservation-ontario.on.ca/jobs

- Regional & Municipal Governments
  - look for specific job opportunities in a city or region of interest

- City of Guelph (http://guelph.ca/employment-careers/careers-jobs/)


Private Sector

- Consulting
  - target individual firms of interest (e.g. Dillon, AECOM)

- Industry
  - target individual firms (e.g. Bullfrog Power, Loblaw)
  - or try searches via Environmental Career boards – again e.g. http://www.workcabin.ca/

...in both cases, networking will be essential (i.e. get to know your community of interest)

ENGOs

- Pick an organization and look for an opportunity (e.g. WWF, Greenpeace, Environmental Defence, RARE, Centre for Indigenous Environmental Resources)
- Or search via environmental job boards that target the not-for-profit sector – e.g.:
  - http://www.idealist.org/
  - http://www.charityvillage.ca/
Volunteering & Internships
- Pick an organization and look for an opportunity – e.g. Sustainable Cities International Youth Internships, Guelph, IIID, Nature Conservancy of Canada
- Or, connect with a network, and look out for opportunities

From ‘critical student’ to ‘constructive employee’
- If you are going to work for an organization, be it public or private, you will have to learn to think from the perspective, and in the interest, of the organization
- Practice putting a new hat on…
  - What would you strive to accomplish if you worked for Environment Canada or Suncor or Greenpeace?

Further Study
- While there is lots you can do with an undergraduate degree, the phenomenon of ‘creeping credentialism’ means that further study is likely necessary for many (better) jobs
- I will cover a few standard options...

Post-Bac programs
- These programs are open just to students with a completed university degree:
  - Sir Sandford Fleming’s School of Environmental and Natural Resources Science
  - Niagara College Environmental Management and Assessment program
  - Sheridan College’s Environmental Control program
  - Conestoga College’s Environmental Engineering program
- They are designed to get you a job (e.g. Conestoga claims that 94% of 2013-2014 graduates found employment within 6 months of graduation, with a average starting salary of $40,855).

Masters in Environmental Governance
- There are an increasing number of graduate programs with an explicit EnvGov focus - e.g.
  - Universities of Freiburg (Germany), Manchester, and the United Nations all offer a MSc in Environmental Governance
- However, as these programs are unknown entities, the more traditional route is to find someone researching topics in Environmental Governance and approach them...

For example...

Ben Cashore
Yale School of Forestry &Environmental Studies
Associate Professor of Sustainable Forestry Policy &
Chair, Program on Forest Certification Global Institute of Sustainable Forestry
And co-author of...

Jennifer Clapp
Professor of Environment and Resource Studies at the University of Waterloo, and Chair at the Centre for International Governance Innovation (CIGI)

How to approach them

• A brief email works, but make sure:
  o you have a read a paper or two of theirs;
  o show that you have by making reference to one of their ideas (especially an identified research opportunity);
  o pitch a research topic that will excite them or offer to work on one of their topics; and
  o highlight your impressive record (attach a CV and an informal transcript).

Non-Thesis Masters

• York University
  o M.E.S Master of Environmental Studies
  o http://fes.yorku.ca/apply/mes

• University of Manitoba
  o Master of Natural Resource Management
  o http://umanitoba.ca/institutes/natural_resources/

• Simon Fraser University
  o MRM Master’s in Resource and Environmental Management
  o http://www.rem.sfu.ca/

Environmental Law Programs: Western and Eastern Provinces

• University of British Columbia
  o Certificate in Natural Resources Law and Policy (for students enrolled in the LLB program
- Dalhousie University
  - J.D. with a certificate in either Marine Law, Environmental Law or both
  - http://law.dal.ca/Institutes/Marine%20%26%20Environmental%20Law%20Institute/

- University of Calgary
  - Master of Laws (LLM) in Natural Resources Energy and Environmental Law
  - http://www.law.ucalgary.ca/graduate-programs/llm

- University of Victoria
  - J.D: Environmental Law and Sustainability Program in upper years
  - http://www.elc.uvic.ca/

Top MBA Schools for CSR, 2014 (as per Aspen Institute)

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<tr>
<th>Rank</th>
<th>School Name</th>
<th>Country</th>
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<tbody>
<tr>
<td>1</td>
<td>Stanford Graduate School of Business</td>
<td>United States</td>
</tr>
<tr>
<td>2</td>
<td>York University (Schulich)</td>
<td>Canada</td>
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<tr>
<td>3</td>
<td>IE University</td>
<td>Spain</td>
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<tr>
<td>4</td>
<td>U. of Notre Dame (Mendoza)</td>
<td>United States</td>
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<tr>
<td>5</td>
<td>Yale School of Management</td>
<td>United States</td>
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<tr>
<td>6</td>
<td>Northwestern University (Kellogg)</td>
<td>United States</td>
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<tr>
<td>7</td>
<td>U. of Michigan (Ross)</td>
<td>United States</td>
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<tr>
<td>8</td>
<td>Cornell University (Johnson)</td>
<td>United States</td>
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<tr>
<td>9</td>
<td>U. of North Carolina (Kenan-Flagler)</td>
<td>United States</td>
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<tr>
<td>10</td>
<td>UC Berkeley (Haas)</td>
<td>United States</td>
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Top Canadian MBA Schools for CSR (as per Corporate Knights, 2014)

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<th>Rank</th>
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<tbody>
<tr>
<td>1</td>
<td>York University - Schulich School of Business</td>
<td>Canada</td>
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<tr>
<td>2</td>
<td>University of British Columbia - Sauder</td>
<td>Canada</td>
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<tr>
<td>3</td>
<td>University of Alberta</td>
<td>Canada</td>
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<tr>
<td>17</td>
<td>McGill University - Desautels</td>
<td>Canada</td>
</tr>
<tr>
<td>50</td>
<td>University of Toronto - Joseph L Rotman School of Management</td>
<td>Canada</td>
</tr>
<tr>
<td>54</td>
<td>Western University - Ivey</td>
<td>Canada</td>
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Masters of Public Administration with an environmental focus

- Carleton University MPA with a concentration in ‘Innovation, Science, and Environment’
- Columbia University MPA Program in Environmental Science and Policy
- Maxwell School, Syracuse University MPA w/ focus on Environmental Policy and Administration
How I came to work at the Carbon Trust

Matyas Lukacs (former Egov student)

About the Carbon Trust
- The Carbon Trust is a world-leading organization helping businesses, governments and the public sector to accelerate the move to a sustainable, low carbon economy through carbon reduction, energy-saving strategies and commercializing low carbon technologies
- As part of this mission, the Carbon Trust offers a number of standards for organizations to demonstrate that they have measured, managed and reduced their environmental impact
  - Currently the company offers a carbon, water and waste standard, and we are working on the development of a supply chain standard for carbon

My role
- I work as an Analyst in the Certification department
- I assess clients’ submissions and give my opinion on whether they should be certified or recertified to one of our standards
- I am also involved in quality management and product development
  - Worked on the development of the world’s first organizational waste standard, which rewards organizations for reducing their waste arisings year-on-year
  - Was in charge of revamping our existing standard for carbon
  - Part of a small team developing the new supply chain standard

How did I come to work at the Carbon Trust?
1. For me everything started with having high grades
2. I got involved
   a. I went on a student exchange to Australia, where I volunteered with the Sustainability Department
      i. *My main task was to draft a few proposals for managing campus waste*
3. When I came back from Australia I took the Independent Study course
   a. As part of this course I got involved in two internships, one with SolarShare and one with Toronto Sustainability Speaker Series
      i. For SolarShare my job was to research the potential of ammonia as an alternative fuel for combustion engines
      ii. For TSSS I wrote a number of articles on sustainability and climate change

How did I get a job at the Carbon Trust?
- Once I had a few internships under my belt, I decided to go for the big fish and apply for an internship at the Carbon Trust in the summer of 2013
  o I was accepted
    - My job at the Carbon Trust was to work on the development of the Waste Standard
    - I worked in collaboration with my manager, and in three months we had the final product!
    - At the end of August when I was due to come back I heard that a position was opening up; I applied, and got the job
Key takeaways

1. Think of where you see yourself in the future
   › Research careers and internship/employment opportunities
2. Get involved
   › Around campus, with NGOs, etc.
3. Network
   › Go to events, conferences, etc.
4. Don’t give up
   › I applied to dozens of internships last summer, and when I didn’t hear back from any of them I was ready to throw in the towel
5. Be your own boss
   › Don’t let university (i.e. the curriculum) restrict you...there are plenty of opportunities out there

Getting involved, high grades, commitment and perseverance are the key!

Some words of encouragement from Liverman (2004):

*Geography has much to offer a world in which environmental change is widespread and where new actors, scales, and metrics are transforming environmental decisions.*

- Work opportunities:
  - Consulting to companies re: CSR (or exposing their achievements & green-washing)
  - Assisting NGOs
  - Working within government (especially w.r.t. to designing new governance tools)
- But where we engage, let’s be sure to retain our strengths:
  - ...geography will fail as critic or as designer of environmental governance if we lose our particular knowledge of specific world regions and what Derek Gregory calls our “caring for distant strangers.”