HEALTH IMPACT ASSESSMENT OF GLOBAL ENVIRONMENTAL CHANGE  (Spring Semester, 2009)

Dr. Jonathan Patz, course director
Miles Kirby, Teaching Assistant
Office: 601 WARF
(2nd office, 258, Enzyme Institute, 1710 University Ave)
Phone: 262-4775
Email: patz@wisc.edu   TA: kirby2@wisc.edu

Office hours: by appointment – Check my schedule at: http://ical.mac.com/sage_group/Patz
Be sure to hit ‘refresh’ first, since my calendar changes daily
Also, please cc my assistant, Isabella Lau: islau2@gmail.com

DAYS & TIME :  Mon and Wed. 2:45 – 4:00pm
LOCATION:   Room  CSC G5/152
Course Website:        Readings and Powerpoint slides are at Learn@UW

NOTE: begin ALL email correspondence with, “PHS 740” at start of subject line!  (or I may miss your email)
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Course Outline

Section I. Assessment Frameworks & Intro to Environmental/Occupational Health

<table>
<thead>
<tr>
<th>Faculty</th>
<th>(UW unless indicated)</th>
<th>Book chapters &amp; papers*</th>
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<tbody>
<tr>
<td>Jonathan Patz</td>
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<tr>
<td>Jonathan Patz</td>
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<td>Frumkin: Chap. Introduction</td>
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<td>Jonathan Patz</td>
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<td>Frumkin: Chap. 2 &amp; 33</td>
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NEWS ARTICLE PORTFOLIO SUMMARIES DUE
4. 2/02/09  Environmental Epidemiology  Jonathan Patz  Frumkin: Chap. 3 & 4

5. 2/04/09  Introduction to Risk Assessment and Health Impact Assessment: I  Jonathan Patz  Frumkin: Chap. 32, 29, 6

6. 2/09/09  Introduction to Risk Assessment and Health Impact Assessment: II  Burton Singer  Frumkin: Chap. 32, 29, 6

1st DRAFT HIA SCOPING, THOUGHT MAPS & JUSTIFICATION FOR TEAM PROJECT - DUE

Section II. Environmental Health Tool Kit

7. 2/11/09  Introduction to GIS (I) – Epi Info  Rachel Klos  Frumkin: Chap. 31
(WI State Health Dept.)

8. 2/16/09  Environmental Health Tracking Program  Kristen Malecki  Frumkin: Chap. 4
(WI State Health Dept.)

9. 2/18/09  Introduction to GIS (II) – Satellite Remote Sensing applications to health  Mutlu Ozdogan  TBD

10. 2/23/09  Online Databases / Review for Quiz  Patz & Kirby  TBD

11. 2/25/09  In-class QUIZ  (based on reading assignments and lectures)

12. 3/02/09  HIA and chronic disease / Developed Countries  Jonathan Patz  Frumkin: Chap. 16 & 17
(plus active listening exercise)

13. 3/04/09  HIA and infectious diseases/ Developing Countries  Katie Dickinson  Frumkin: Chaps. 13 & 18
Section III. Global Environmental/Ecological Change and Health


15. 3/11/09  Team Presentations of their Draft HIA (Group to group presentation & feedback)
  DUE: 1-2 page rationale, UPDATED thought map & outline team project and team strategy to cover full HIA of your topic

SPRING BREAK  (Consider Reading Walters’ book over break –an easy read)

16. 3/23/09  Environmental justice: from Local to Global  Jonathan Patz  Frumkin: Chaps. 8 & 11

  Aron & Patz: Chap. 10

18. 3/30/09  Film: Hot Zones  Miles Kirby (TA)

19. 4/01/09  Ecosystem health: human-induced impacts facilitating the emergence of wildlife
  and human diseases  Kurt Sladky (Vet Med)  Frumkin: Chap. 1
  Papers: Daszak et al;
  CAST Task Force

20. 4/06/09  Emerging Zoonotic Diseases from Interspecies Transmission  Tony Goldberg  Walters Book
  and TBD

21. 4/08/09  Group Meetings for HIA Assignment

22. 4/13/09  Disaster Preparedness  Marvin Birnbaum  Frumkin: Chap. 26

23. 4/15/09  HIAs in Global Governance:
  Challenges in meeting the Millennium Development Goals (MDGs)  Jonathan Patz  Millennium Project report
  HOMEWORK ASSIGNMENT DUE (re Millennium Development Goals)
### Section IV. Communicating the Science: a Mini ‘Aldo Leopold Leadership Training Program’

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<tr>
<th>Date</th>
<th>Event Description</th>
<th>Instructor</th>
<th>Notes</th>
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<tbody>
<tr>
<td>24. 4/20/09</td>
<td>Leadership skills towards bridging science and policy</td>
<td>Jonathan Patz</td>
<td>Frumkin: Chap. 34</td>
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<td>Paper: Lubchenco</td>
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<td>25. 4/22/09</td>
<td>Communicating to policy makers and the public: The “Message Box”</td>
<td>Jonathan Patz</td>
<td>TBA</td>
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<td>26. 4/27/09</td>
<td><strong>STUDENT ‘PRESS’ INTERVIEWS</strong> (Use your prepared Message Box, then turn it in)</td>
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<td>* WHITE PAPERS &amp; MESSAGE BOXES DUE TODAY, 4/27/07 *</td>
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### Textbook and Readings:

**REQUIRED**
2. Mark J. Walters. *Six Modern Plagues – and how we are causing them*. Island Press, 2003 (required) [NOTE: it’s a short and very fast read!].
3. Readings: supplemental readings are available at the Learn@UW course website

**Related Optional texts:**

NOTE: additional papers for guest lecturers will be added to the website when available in PDF