**Global Perspectives on Reproductive Health**

**(Graduate-level – GH 590)**

**(Undergraduate-level – GH 490)**

**COURSE SYLLABUS**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Instructors:** | Dr. Alison Drake  Senior Fellow  Dept. of Global Health  [adrake2@uw.edu](mailto:brguth@u.washington.edu)  Office: 1322 NJB  Phone: 206-685-4363  UW Box # 359909 | Dr. Sarah Prager  Associate Professor  Dept. of Obstetrics/Gynecology  [pragers@uw.edu](mailto:pragers@uw.edu)  Office: BB 664 UWMC  Phone: 206-543-5555  UW Box # 356460 | | | Dr. Jennifer Unger  Acting Assistant Professor  Dept. of Obstetrics/Gynecology  [junger@uw.edu](mailto:woodrow@u.washington.edu)  Office: 1322 NJB  Phone: 206-685-4363  UW Box # 365460 | |  | |
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| **Quarter:** | Spring 2014 | | |
|  |  | | |
| **Credits** | 3 Credits (Credit/No Credit grading) | | |
| **Time & Location:** | Mondays and Wednesdays, 2:00 pm – 3:30 PM Health Sciences Building - Room K069 | | |
|  |  | | |
| **Prerequisites:** | None | | |
|  |  | | |
| **Office hours:** | Drake: by appointment  Unger: by appointment  Prager: by appointment | | |
|  |  | | |
| **Website:** | <https://canvas.uw.edu> | | |
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**Course Description**

The Global Perspectives on Reproductive Health course will engage students from diverse disciplines, including public health, demography, epidemiology, policy, sociology, and medicine, in topics on global reproductive health. The course will focus on family planning and population policy, including the following topics: male and female contraception, abortion policies, human rights, HIV/STIs, access to services, and cost-effectiveness of contraception. This landscape course is designed to give students an overview of global reproductive health, and encourage interdisciplinary learning through active participation in lectures and discussions. It will emphasize current issues, challenges, and strategies to improve reproductive health, with a focus on resource-limited settings. The course is designed for a broad range of students from all schools and departments who have an interest in global reproductive health.

This course is listed as an elective for the Graduate Certificate in Global Health of Women, Adolescents, and Children (Global WACh) offered in the Department of Global Health.

**Learning Objectives**

This course will engage students in dynamic interdisciplinary discussions on topics relevant to the global reproductive health. Upon satisfactory completion of this course, students will be able to:

* Describe and compare methods of contraception and related service delivery requirements
* Describe barriers and facilitators to contraceptive use and abortion
* Compare and contrast domestic and global reproductive health challenges, including abortion policies and intervention implementation
* Explain the relationship between HIV/STIs and family planning/fertility
* Define terminology and descriptive epidemiology of major reproductive health indices
* Provide specific examples of how social structure and public policy impact reproductive health
* Discuss goals, strengths and limitations of individual and structural interventions to improve reproductive health
* Explain basic tenants of reproductive rights
* Discuss the concept of demographic transition, and identify population characteristics that lead to changes in population size.
* Demonstrate expertise on a current reproductive health topic as it relates to a specific vulnerable population

**Class Format**

The course will use a variety of formats in order to maximize interactions between presenters and students and encourage class collaboration and participation. Each class will be dedicated to a topic relevant to global reproductive health, including comparing domestic and global perspectives. Course instructors and guest lecturers will provide reading materials for students to read prior to each class session. Course formats include:

*Lecture and discussion*: Instructors and guest lecturers will present on a global reproductive health topic, followed by an interactive discussion between students and presenters.

*Panels*: Instructors will select panelists with varying backgrounds (i.e., clinicians, researchers, program representatives, global or domestic experience) to provide multiple viewpoints on selected reproductive health topics. Students will be encouraged to participate in discussion through question and answer sessions during the panel.

*Case studies*: Instructors will provide case studies with accompanying exercises for students to complete in small groups during the class and will briefly summarize their case study for the class.

Students will also have two opportunities to present during the course on a reproductive health topic that will not be covered during the course or on reproductive health issue(s) related to a specific vulnerable population (i.e., adolescents, immigrants, incarcerated, HIV infected, etc). Instructors will provide a list of topics, or can be petitioned to present on another topic. Students can select to participate in a debate of a controversial reproductive health topic, or give a 10-15 minute presentation to the class.

**Grading**

This 3 credit course will be graded on a credit/no credit basis. The criteria for receiving credit for the course will depend on satisfactory completion of the student responsibilities in detail below. To receive credit for the course students will be evaluated on reading responses (35%), class participation (15%), and a group project or individual paper (50%). There will not be a final exam.

**Student responsibilities:**

1. *Reading responses:* Students will be expected to complete all assigned readings for the session prior to class, and submit a brief (1/2 – 1 page) synopsis, critique, or impressions of the reading via an online discussion board before the next class session. Students are expected to submit at least 15 entries on the discussion board.
2. *Class participation:* Students will be expected to participate in class discussions and exercises, including case scenarios and interaction with panelists/presenters. Students unable to participate in more than 3 classes (i.e., missing more than 3 classes) will need to inform the instructor and may need to complete an additional assignment to demonstrate understanding of the topic(s) covered.
3. *Group Project (Graduate) or Individual Paper (Undergraduate)* Students will conduct group projects on salient reproductive health topics not covered during the course **OR** on reproductive health topic(s) related to a vulnerable population. Topics will be reviewed and approved by an instructor. Students will select **ONE** of the following projects:

GRADUATE STUDENTS

* 1. Give a 10-15 minute presentation
  2. Participate in a debate (group project)

UNDERGRADUATE STUDENTS

* 1. Write a 5-7 page paper

**READINGS**

While readings will be assigned by guest lecturers/presenters, a sample reading list from the instructors on selected topics is presented below:

#### [Ahmed S](http://www.ncbi.nlm.nih.gov/pubmed?term=Ahmed%20S%5BAuthor%5D&cauthor=true&cauthor_uid=22784531), [Li Q](http://www.ncbi.nlm.nih.gov/pubmed?term=Li%20Q%5BAuthor%5D&cauthor=true&cauthor_uid=22784531), [Liu L](http://www.ncbi.nlm.nih.gov/pubmed?term=Liu%20L%5BAuthor%5D&cauthor=true&cauthor_uid=22784531), [Tsui AO](http://www.ncbi.nlm.nih.gov/pubmed?term=Tsui%20AO%5BAuthor%5D&cauthor=true&cauthor_uid=22784531). Maternal Deaths Averted by Contraceptive Use: Results from a Global Analysis of 172 countries. [Lancet.](http://www.ncbi.nlm.nih.gov/pubmed/?term=Maternal+deaths+averted+by+contraceptive+use%3A+an+analysis+of+172+countries) 2012 Jul 14;380(9837):111-25

#### [Cottingham J](http://www.ncbi.nlm.nih.gov/pubmed?term=Cottingham%20J%5BAuthor%5D&cauthor=true&cauthor_uid=22784536), [Germain A](http://www.ncbi.nlm.nih.gov/pubmed?term=Germain%20A%5BAuthor%5D&cauthor=true&cauthor_uid=22784536), [Hunt P](http://www.ncbi.nlm.nih.gov/pubmed?term=Hunt%20P%5BAuthor%5D&cauthor=true&cauthor_uid=22784536). Using Human Rights to Meet the Unmet Need for Family Planning. [Lancet.](http://www.ncbi.nlm.nih.gov/pubmed/22784536) 2012 Jul 14;380(9837):172-80.

#### [Ezeh AC](http://www.ncbi.nlm.nih.gov/pubmed?term=Ezeh%20AC%5BAuthor%5D&cauthor=true&cauthor_uid=22784532), [Bongaarts J](http://www.ncbi.nlm.nih.gov/pubmed?term=Bongaarts%20J%5BAuthor%5D&cauthor=true&cauthor_uid=22784532), [Mberu B](http://www.ncbi.nlm.nih.gov/pubmed?term=Mberu%20B%5BAuthor%5D&cauthor=true&cauthor_uid=22784532). Global population trends and policy options. [Lancet.](http://www.ncbi.nlm.nih.gov/pubmed/22784532) 2012 Jul 14;380(9837):142-8.

#### [Chandra-Mouli V](http://www.ncbi.nlm.nih.gov/pubmed?term=Chandra-Mouli%20V%5BAuthor%5D&cauthor=true&cauthor_uid=23608717), [Camacho AV](http://www.ncbi.nlm.nih.gov/pubmed?term=Camacho%20AV%5BAuthor%5D&cauthor=true&cauthor_uid=23608717), [Michaud PA](http://www.ncbi.nlm.nih.gov/pubmed?term=Michaud%20PA%5BAuthor%5D&cauthor=true&cauthor_uid=23608717). WHO Guidelines on Preventing Early Pregnancy and Poor Reproductive Outcomes Among Adolescents in Developing Countries. [J Adolesc Health.](http://www.ncbi.nlm.nih.gov/pubmed/?term=WHO+Guidelines+on+Preventing+Early+Pregnancy+and+Poor+Reproductive+Outcomes+Among+Adolescents+in+Developing+Countries) 2013 May;52(5):517-22.

# Weston MR, Martin SL, Neustadt AB, Gilliam ML. Factors influencing uptake of intrauterine devices among postpartum adolescents: a qualitative study. [Am J Obstet Gynecol.](http://www.ncbi.nlm.nih.gov/pubmed/?term=Factors+influencing+uptake+of+intrauterine+devices+among+postpartum+adolescents%3A+a+qualitative+study) 2012 Jan;206(1):40.e1-7.

# [Hindin MJ](http://www.ncbi.nlm.nih.gov/pubmed?term=Hindin%20MJ%5BAuthor%5D&cauthor=true&cauthor_uid=19620089), [Fatusi AO](http://www.ncbi.nlm.nih.gov/pubmed?term=Fatusi%20AO%5BAuthor%5D&cauthor=true&cauthor_uid=19620089). Adolescent sexual and reproductive health in developing countries: an overview of trends and interventions. [Int Perspect Sex Reprod Health.](http://www.ncbi.nlm.nih.gov/pubmed/?term=Adolescent+sexual+and+reproductive+health+in+developing+countries%3A+an+overview+of+trends+and+interventions) 2009 Jun;35(2):58-62.

# [Heffron R](http://www.ncbi.nlm.nih.gov/pubmed?term=Heffron%20R%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [Donnell D](http://www.ncbi.nlm.nih.gov/pubmed?term=Donnell%20D%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [Rees H](http://www.ncbi.nlm.nih.gov/pubmed?term=Rees%20H%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [Celum C](http://www.ncbi.nlm.nih.gov/pubmed?term=Celum%20C%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [Mugo N](http://www.ncbi.nlm.nih.gov/pubmed?term=Mugo%20N%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [Were E](http://www.ncbi.nlm.nih.gov/pubmed?term=Were%20E%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [de Bruyn G](http://www.ncbi.nlm.nih.gov/pubmed?term=de%20Bruyn%20G%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [Nakku-Joloba E](http://www.ncbi.nlm.nih.gov/pubmed?term=Nakku-Joloba%20E%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [Ngure K](http://www.ncbi.nlm.nih.gov/pubmed?term=Ngure%20K%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [Kiarie J](http://www.ncbi.nlm.nih.gov/pubmed?term=Kiarie%20J%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [Coombs RW](http://www.ncbi.nlm.nih.gov/pubmed?term=Coombs%20RW%5BAuthor%5D&cauthor=true&cauthor_uid=21975269), [Baeten JM](http://www.ncbi.nlm.nih.gov/pubmed?term=Baeten%20JM%5BAuthor%5D&cauthor=true&cauthor_uid=21975269); [Partners in Prevention HSV/HIV Transmission Study Team](http://www.ncbi.nlm.nih.gov/pubmed?term=Partners%20in%20Prevention%20HSV%2FHIV%20Transmission%20Study%20Team%5BCorporate%20Author%5D). Use of hormonal contraceptives and risk of HIV-1 transmission: a prospective cohort study. [Lancet Infect Dis.](http://www.ncbi.nlm.nih.gov/pubmed/21975269) 2012 Jan;12(1):19-26.

# [Morrison CS](http://www.ncbi.nlm.nih.gov/pubmed?term=Morrison%20CS%5BAuthor%5D&cauthor=true&cauthor_uid=21975268), [Nanda K](http://www.ncbi.nlm.nih.gov/pubmed?term=Nanda%20K%5BAuthor%5D&cauthor=true&cauthor_uid=21975268). Hormonal contraception and HIV: an unanswered question. [Lancet Infect Dis.](http://www.ncbi.nlm.nih.gov/pubmed/?term=Hormonal+contraception+and+HIV%3A+an+unanswered+question) 2012 Jan;12(1):2-3.

# [Mosher WD](http://www.ncbi.nlm.nih.gov/pubmed?term=Mosher%20WD%5BAuthor%5D&cauthor=true&cauthor_uid=20939159), [Jones J](http://www.ncbi.nlm.nih.gov/pubmed?term=Jones%20J%5BAuthor%5D&cauthor=true&cauthor_uid=20939159). Use of contraception in the United States: 1982-2008. [Vital Health Stat 23.](http://www.ncbi.nlm.nih.gov/pubmed/?term=Use+of+contraception+in+the+United+States%3A+1982-2008) 2010 Aug;(29):1-44.

# [Allen RH](http://www.ncbi.nlm.nih.gov/pubmed?term=Allen%20RH%5BAuthor%5D&cauthor=true&cauthor_uid=17978110). The role of family planning in poverty reduction. [Obstet Gynecol.](http://www.ncbi.nlm.nih.gov/pubmed/17978110) 2007 Nov;110(5):999-1002.

**Class Schedule**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Session | Date | Topic | Presenters | Email | Referred by |
| 1 | March 31 | Course overview  Human rights and reproductive choice | Jennifer Unger  Sara Ainsworth | [saraainsworth@comcast.net](mailto:saraainsworth@comcast.net) | Sarah Prager |
| 2 | April 2 | Overview of contraceptive methods | Sarah Prager | pragers@uw.edu |  |
| 3 | April 7 | TBD | Dilys Walker |  |  |
| 4 | April 9 | Abortion and emergency contraception | Deb Oyer | deb@auroramedicalservices.com | Sarah Prager |
| 5 | April 14 | Global trends in contraception | Alison Drake |  |  |
| 6 | April 16 | Male contraception | John Amory/ Grace Shih |  |  |
| 7 | April 21 | Epidemiology of family planning | Victoria Holt |  |  |
| 8 | April 23 | Hormonal contraception and HIV | Student Panel Debate – Moderator Renee Heffron |  |  |
| 9 | April 28 | Demography of family planning | William Lavely | lavely@u.washington.edu |  |
| 10 | April 30 | Case study: Marie Stopes | Alison Drake  Sarah Prager  Jennifer Unger |  |  |
| 11 | May 5 | Cost-effectiveness of contraception | Joseph Babigumira |  |  |
| 12 | May 7 | Global case scenarios | Alison Drake  Jennifer Unger |  |  |
| 13 | May 12 | Accessing reproductive health services and family planning service delivery | TBD |  |  |
| 14 | May 14 | Population, policy, politics | Course leaders or Wang Feng/ William Lavely |  |  |
| 15 | May 19 | STIs and infertility | Scott McClelland | mcclell@uw.edu |  |
| 16 | May 21 | Social and religious determinants or reproductive health | TBD |  |  |
| 17 | May 26 | MEMORIAL DAY HOLIDAY |  |  |  |
| 18 | May 28 | Innovations in reproductive health interventions | TBD |  |  |
| 19 | June 2 | Student presentations |  |  |  |
| 20 | June 4 | Student presentations |  |  |  |