GRIT Workshop Syllabus

# Introduction and Expectations

Welcome to Penn State’s inaugural GRIT workshop. The next three weeks will include a number of classes, excursions, and discussions intended to enrich and provoke further insight into our understanding of the role of gender, environment and agriculture research.

Attendance at all sessions and weekend events is mandatory. Please come to class on time and prepared to participate actively having completed any required readings. Faculty have been assigned as mentors for your benefit, and it is vital that you meet with your mentor regularly throughout the program.

Unless otherwise noted, all classes will take place in **111 Borland.** Morning classes are from 9-12, and afternoon classes begin at 1 and end at various times. Additionally, refer to your agenda for further details about weekend activities:

Evening Events:

June 5, 2016: Symposium reception at Winery

June 21, 2016: Spikes Game; Starts 7:05pm

June 23: Final celebration at home of Dr. Carolyn Sachs; 3:00pm

Weekend Events:

June 11-12 Trip to DC; leave from dorms at 5:15am

June 18-19 Farm tour

# Class Schedule and Readings

Tuesday, June 7th

## Knowledge Sharing

**Martina Mascarenhas**

No required readings

Wednesday, June 8th

## Background of the CGIAR Gender Research Action Plan and PDF Program

**J. Ashby**

No required readings

Thursday, June 9th

## Indexes and Women’s Empowerment

**Paige Castellanos, Andre Devoux, Elisabeth Garner**

## Alkire, S., Meinzen-Dick, R., Peterman, A., Quisumbing, A., Seymour, G., & Vaz, A. (2013). The Women’s Empowerment in Agriculture Index. World Development, 52, 71-91. (accessible in box)

## Kabeer, N. (2005) Gender equality and women's empowerment: A critical analysis of the third millennium development goal 1, Gender & Development, 13:1, 13-24. (accessible in box)

Polar, V. (2015) Technology for Men and Women: Recommendations to Reinforce Gender Mainstreaming in Agricultural Technology Innovation Processes for Food Security. (accessible in box)

## Introduction to Leadership

**Ted Alter, Ruth Mendum**

No required readings

Friday, June 10th

## Philosophies and Processes of Science, Neoliberalism, Commercialization, GMOs, and Gender

**Leland Glenna**

Gouse, M., Sengupta, D., Zambrano, P., & Zepeda, J. F. (2016). Genetically Modified Maize: Less Drudgery for Her, More Maize for Him? Evidence from Smallholder Maize Farmers in South Africa. World Development, 83, 27-38. (accessible in box)

National Academies of Sciences, Engineering, and Medicine. Genetically Engineered Crops: Experiences and Prospects. Washington, DC: The National Academies Press, 2016. (accessible in box)

Wajcman, J. (2009). Feminist theories of technology. *Cambridge Journal of Economics,* *34*(1), 143-152.

## Mentoring within the CG system

**K Karlsson and J Ashby**

No required readings

 Monday, June 13th

## Bridging Disciplinary Divides: Gender and Agricultural Sciences

**Leif Jensen, Margreet van der Burg**

*In this session we will focus on ways to bridge disciplinary divides, both between the life sciences and social sciences, but also within the social sciences. The greater part of the session will be devoted to digging into what establishes those divides, how might they differ in addressing common issues we face, what is to be gained by inter-disciplinary conversation and what can we learn from our experiences in our attempts of bridging these divides and overcoming interdisciplinary communication barriers.*

*Leif Jensen will draw on his own experiences working in interdisciplinary teams, being in a multi-disciplinary department and being involved in multi-disciplinary training and research program.*

*Margreet van der Burg will bring in her experiences as well and will present some historical lines with regard to gender and the agricultural sciences at the CGIARs and universities to help understanding where various positions can be related to.*

*In this session we follow up on the discussions of last Friday. Please prepare by reflecting what issues you came across and would like to bring in, how you understand what was at stake and how you tried to overcome. Next to the articles for Friday, the below articles give new pointers to discuss what conflicting issues are at stake, what objectives are considered being crucial and how disciplines can be connected and feed into each other.*

Quisumbing, Agnes, Ruth Meinzen-Dick, Terri L. Raney, André Croppenstedt, Julia A. Behrman, and Amber Peterman. 2014. “Chapter 1. Closing the Knowledge Gap on Gender in Agriculture”, in: Quisumbing, Agnes R., Ruth Meinzen- Dick, Terri L. Raney, André Croppenstedt, Julia A. Behrman, and Amber Peterman (eds), Gender in Agriculture. Closing the Knowledge Gap, FAO and Springer, 3-31, <http://libcatalog.cimmyt.org/download/general/98958.pdf>

Verschuur, Christine. 2014. “A History of Development Through a Gender Prism: Feminist and Decolonial Perspectives”, in: Verschuur, C., I. Guérin, and H. Guétat-Bernard (eds.), *Under Development: Gender*, Palgrave MacMillan 20, 17-41 (accessible in box)

Guétat-Bernard, H.. 2014. “Labour, Family and Agriculture: Gender and Development Issues, a North-South Perspective”: Verschuur, C., I. Guérin and H. Guétat-Bernard (eds.), *Under Development: Gender*, Palgrave MacMillan 20, 169-191 (accessible in box)

Pearse, Rebecca and Raewyn Connell. 2016. “Gender Norms and the Economy: Insights from Social Research”, *Feminist Economics*, 22:1, 30-53, <http://dx.doi.org/10.1080/13545701.2015.1078485>

Zwarteveen, Margreet. 2008. “Men, Masculinities and Water Powers in Irrigation.” *Water Alternatives* 1(1): 111-130. <http://dlc.dlib.indiana.edu/dlc/bitstream/handle/10535/6283/Men%20Masculinities%20and%20Water%20Powers%20in%20Irrigation.pdf?sequence=1&isAllowed=y>

Farnworth, Cathy Rozel, Frédéric Baudron, Jens A. Andersson, Michael, Misiko, Lone Badstue and Clare M. Stirling (2016) Gender and conservation agriculture in East and Southern Africa: towards a research agenda, *International Journal of Agricultural Sustainability*, 14:2, 142-165, <http://dx.doi.org/10.1080/14735903.2015.1065602>

## Be Your Own Best Mentor \*\*\*In room 208A Buckhout\*\*\*

**Carolee Bull, Bastian Minkenberg**

No required readings

Tuesday, June 14th

## Research Design: Generating and Answering Salient Questions, Measurement, Mixed Methods

**Ann Tickamyer**

Ackerly, Brook and Jacqui True. 2010. “Back to the future: Feminist theory, activism, and doing feminist research in an age of globalization. *Women’s Studies International Forum* 13:462-472.

DeVault, Marjorie. 1996. “Talking Back to Sociology: Distinctive Contributions of Feminist Methodology.” *Annual Review of Sociology* 22: 29-50.

Hesse-Biber, Sharlene Nagy. 2012. “Feminist Research: Exploring, Interrogating, and Transforming the Interconnections of Epistemology, Methodolgy, and Method. Pp. 2-26 in S. Hesse-Biber, *Handbook of Feminist Research: Theory and Praxis, 2nd ed.* Los Angeles: Sage.

Hesse-Biber, Sharlene Nagy and Denise Leckenby. 2004. “How Feminists Practice Social Research.” Pp. 209-226 in S. Hesse-Biber and M. Yaiser, *Feminist Perspectives on Social Research.* NY: Oxford University Press.

Kabeer, Naila. 2015. “Gender, poverty, and inequality: a brief history of feminist contributions in the field of international development.” *Gender & Development*, 23(2): 189-205.

Kitch and Mary Margaret Fonow. 2012. “Analyzing Women’s Studies Dissertations: Methodologies, Epistemologies, and Field Formation.” *Signs* 38 (1): 99-126.

Wednesday, June 15th

## One Big Happy Family – Economic Modeling of Households and Resource Allocation

**Janelle Larson**

Johnson, Nancy, et al. "Gender, assets, and agricultural development: Lessons from eight projects." (2016). World Development, Vol 83, pp 295-311

[http://www.sciencedirect.com/science/article/pii/S0305750X16000073](http://www.sciencedirect.com/science/article/pii/S0305750X16000073%22%20%5Ct%20%22_blank)

Udry, C. 1996. “Gender, Agricultural Production, and the Theory of the Household.” Journal of Political Economy104 (5): 1010–1046.  [http://www.jstor.org/stable/pdf/2138950.pdf?\_=1464875405021](http://www.jstor.org/stable/pdf/2138950.pdf?_=1464875405021" \t "_blank)

Thursday, June 16th

## In-depth Interviewing

**Margreet van der Burg**

*In this session we will discuss the use of oral sources in relation to gender analysis, and especially the technique of in-depth interviewing as qualitative methodology, with its specific ethical and foremost practical issues. Since most of us have experience with interviewing, this session will be very interactive though also instructive when addressing the techniques of interviewing (esp preparation, probing and layers of questions) and its processing (transcription, coding, analysing, arguing/writing/quoting), in other words discussing what makes an interview a real good interview!*

*Please prepare by reflecting on which kinds of research you decided / would decide for interviewing or not; and listing some great tips you would like to share and some difficulties you came across and how you tried and/or managed to overcome.*

Sultana, Farhana. 2011. “Suffering for water, suffering from water: Emotional geographies of resource access, control and conflict” *Geoforum 42(2), Themed Issue: New Feminist Political Ecologies*, 163-172. <http://www.sciencedirect.com/science/article/pii/S0016718510001442>

Wane, Njoki. 2001. “Narratives of Embu Rural Women: Gender Roles and Indigenous Knowledges”, *Gender Technology and Development*, 5: 3 383-408, <http://dx.doi.org/10.1177/097185240100500303>

Gadio, Coumba Mar and Cathy A. Rakowski. 1999. “Farmers' Changing Roles in Thieudeme, Senegal: The Impact of Local and Global Factors on Three Generations of Women”, Gender & Society 13(6):733-757, <http://dx.doi.org/10.1177/089124399013006004>

**Background articles around interviewing as method:**

Charatsari, Chrysanthi. 2014. “Collecting and Using Autobiographical Memories in Rural Social Research: A Step-by-Step Guide”, *Journal of Agricultural & Food Information*, 15:1, 19-41, <http://dx.doi.org/10.1080/10496505.2013.861756>

Kakuru, Doris M. and Gaynor G Paradza. 2007. “Reflections on the use of the life history method in researching rural African women: field experiences from Uganda and Zimbabwe”, *Gender & Developmen*t, 15:2, 287–297, <http://dx.doi.org/10.1080/13552070701391581>

Miles, Miranda and Jonathan Crush. 1993 “Personal Narratives as Interactive Texts: Collecting and Interpreting Migrant Life-Histories”, Professional Geographer, 45 (1), 95-129. <http://dx.doi.org/10.1111/j.0033-0124.1993.00084.x>

## Using Databases and Bibliographic Software \*\*\*In 302 Paterno\*\*\*

**Stephen Woods**

## <http://psu.libguides.com/international_census>

<https://www.libraries.psu.edu/psul/lending/visitingscholars.html>

<http://unstats.un.org/unsd/genderstatmanual/>

<http://www.unece.org/fileadmin/DAM/stats/gender/toolkit/Toolkit_V1.6.pdf>

Friday, June 17th

## Spatial Data Analysis Methods

**Guangqing Chi**

Spatial data analysis has received increasing attention in social studies. However, it remains a difficult subject to learn for practitioners due to its complexity and various unresolved issues. This workshop will use social data examples to illustrate spatial statistics and analysis methods including geovisualization, exploratory spatial data analysis, and spatial regression modeling.

Chi, G., & Marcouiller, D. W. (2012). Recreational Homes and Migration to Remote Amenity-Rich Areas. The Journal of Regional Analysis and Policy, 42(1), 47-60.

Chi, G., & Zhu, J. (2007). Spatial Regression Models for Demographic Analysis. Popul Res Policy Rev Population Research and Policy Review, 27(1), 17-42.

<http://www.landdevelopability.org/>

## Resources for the Discipline of Women’s Studies \*\*\*In 302 Paterno\*\*\*

**Julie Porterfield**

No required readings

Monday, June 20th

## Gender Theory and Epistemology, Situated Knowledge

**Margreet van der Burg, Carolyn Sachs**

*In this session we will proceed with the basics of gender studies with its recent developments in relation to the domains of the CGIARs. We listed literature to cover most crucial elements but can adjust during the course of the training on your request or what comes out of other sessions. Some of the articles were listed for other sessions already but can again feed the discussion this time very well.*

*Please prepare what you would like to discuss in relation to the situation in your research practice you started questioning this.*

Patil, Vrushali, “From Patriarchy to Intersectionality: A Transnational Feminist Assessment of How Far We’ve Really Come,” *Signs: Journal of Women in Culture and Society* 38, no. 4 (2013): 847–67. <http://dx.doi.org/10.1086/669560>

Nightingale, Andrea. 2006. “The nature of gender: work, gender, and environment” Environment and Planning D Society and Space 24(2): 165-185. [http://epd.sagepub.com/content/24/2/165.full.pdf+html](http://epd.sagepub.com/content/24/2/165.full.pdf%2Bhtml)

Esquivel, Valeria. 2014. “What is a transformative approach to care, and why do we need it?” Gender & Development 22(3), 423-439. <http://dx.doi.org/10.1080/13552074.2014.963303>.

Sachs, Carolyn and Anouk Patel-Campillo. 2014. “Feminist Food Justice: Crafting a New Vision” *Feminist Studies 40 (2), Special Issue: Food and Ecology* 396-410. <http://www.jstor.org/stable/10.15767/feministstudies.40.2.396>

**Recommended for earlier sessions**:

Sultana, Farhana. 2011. “Suffering for water, suffering from water: Emotional geographies of resource access, control and conflict” *Geoforum 42(2), Themed Issue: New Feminist Political Ecologies*, 163-172. <http://www.sciencedirect.com/science/article/pii/S0016718510001442>

Guétat-Bernard, H.. 2014. “Labour, Family and Agriculture: Gender and Development Issues, a North-South Perspective”: Verschuur, C., I. Guérin and H. Guétat-Bernard (eds.), *Under Development: Gender*, Palgrave MacMillan 20, 169-191 (accessible in box)

Verschuur, Christine. 2014. “A History of Development Through a Gender Prism: Feminist and Decolonial Perspectives”, in: Verschuur, C., I. Guérin., and H. Guétat-Bernard (eds.), *Under Development: Gender*, Palgrave MacMillan 20, 17-41. (accessible in box)

Quisumbing, Agnes, Ruth Meinzen-Dick, Terri L. Raney, André Croppenstedt, Julia A. Behrman, and Amber Peterman. 2014. “Chapter 1. Closing the Knowledge Gap on Gender in Agriculture”, in: Quisumbing, Agnes R., Ruth Meinzen- Dick, Terri L. Raney, André Croppenstedt, Julia A. Behrman, and Amber Peterman (eds), *Gender in Agriculture. Closing the Knowledge Gap*, FAO and Springer, 3-31, <http://libcatalog.cimmyt.org/download/general/98958.pdf>

## Collaberating with Women Farmers

**Lyn Garling**

No required readings

## Leadership and Ethics

**Ted Alter, Ruth Mendum**

No required readings

Tuesday, June 21st

## Agroforestry

**Mike Jacobson**

Wednesday, June 22nd

## Literacy and Gender Research

**Esther Prins**

Readings TBA

## Challenges of Data Collection and Troubleshooting

**Carolyn Sachs, Ann Tickamyer, Leif Jensen**

Thursday, June 23rd

## A Scientists Perspective on Gender and Research

**Rick Bates, Mary Barbercheck, Ed Rajote**

CARE, & Food Tank. (2015). Cultivating Equality: Delivering Just and Sustainable Food Systems in a Changing Climate. (RECCOMENDED)

Harding, S. G. (2011). Introduction Beyond Postcolonial Theory. The Postcolonial Science and Technology Studies Reader, 1-31. (accessible in box)

Subramaniam, B. (2000). Snow Brown and the Seven Detergents: A Metanarrative on Science and the Scientific Method. Women's Studies Quarterly, 28(1/2), 296-304. (accessible in box)

Subramaniam, B. (2001). The Aliens Have Landed! Reflections on the Rhetoric of Biological Invasions. Meridians: Feminism, Race, Transnationalism, 2(1), 26-40.(accessible in box)

Guthman, J. (2008). Bringing good food to others: Investigating the subjects of alternative food practice. Cultural Geographies, 15(4), 431-447.

Guthman, J. (2008). “If They Only Knew”: Color Blindness and Universalism in California Alternative Food Institutions. RTPG The Professional Geographer, 60(3), 387-397.

Dinakaran, D., Gajendran, G., Mohankumar, S., Karthikeyan, G., Thiruvudainambi, S., Jonathan, E. I., . . . Muniappan, R. (2013). Evaluation of Integrated Pest and Disease Management Module for Shallots in Tamil Nadu, India: A Farmer's Participatory Approach. Journal of Integrated Pest Management J Integ Pest Manage, 4(2)

Norton, G. W., Heinrichs, E. A., Luther, G. C., & Irwin, M. E. (Eds.). (2005). Chapters 2-3,8. In Globalizing Integrated Pest Management - A Participatory Research Process (pp. 13-51; 143-159). Ames, IA: Blackwell Publishing.