

# Alexander J. Stein

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Web            <http://www.AJStein.de>

## **Key competences and fields of interest**

- ✓            Agricultural and food economics
- ✓            Development and health economics
- ✓            Impact and technology assessment
- ✓            Cost-benefit and cost-effectiveness analysis
- ✓            Food security, food safety and health
- ✓            Poverty and micronutrient malnutrition
- ✓            Sustainability and ecosystem services
- ✓            European Union and international trade
- ✓            Biotechnology and GMOs

## **Professional experience**

- 2011-            Research Coordinator:  
*International Food Policy Research Institute (IFPRI)*,  
Director General's Office, Washington, DC.  
⇒ Coordinating analyses, syntheses and publications on food policy issues.
- 2010-11        Consultant for agricultural economics:  
*Genius - science & communication*, Berlin.  
⇒ Studies in the field of agriculture and nutrition, project economist for food security,  
writing for websites on plant research and biosafety.
- 2009-10        Agricultural economist:  
*Freelance research, writing & consulting* on agriculture, food, health and technology.  
⇒ Contracts and sub-contracts for the German Parliament, the European Food Safety  
Authority and the International Food Policy Research Institute.
- 2006-09        Scientific project officer:  
*European Commission*, Institute for Prospective Technological Studies (IPTS),  
Unit for Agriculture and Life Sciences in the Economy, Seville.  
⇒ Socio-economic analyses of new technologies in agriculture, food and health:  
research & policy support, research management, editorial & organisational tasks.
- 2004-06        Research associate:  
*University of Hohenheim*, Dept for Agricultural Economics and Social Sciences,  
Division of International Agricultural Trade and Food Security, Stuttgart.  
⇒ Simulation and economic evaluation of the health impact of biofortified staple crops.
- 2003-04        Research associate:  
*Centre for Development Research (ZEF)*,  
Dept for Economic and Technological Change, Bonn.

- 2002-02 Expert for pricing and portfolio management: *T-Systems International*, Bonn.
- 2000-01 Product manager for a trilingual knowledge management tool: *SERUBA*, Hamburg.
- 1999-00 Junior consultant for technical cooperation projects: *GFA Management*, Hamburg.
- 1999-99 Intern, committee for international trade: *Council of the European Union*, Brussels.
- 1998-99 Temporary worker, market research and clerical work: *various*, London.
- 1991-92 Emergency medical technician, national service: *German Red Cross*, Albstadt.

### **Academic education**

- 2006 PhD (summa cum laude):  
*Agricultural Economics and Social Sciences*, University of Hohenheim.  
⇒ Thesis: Micronutrient malnutrition and the impact of modern plant breeding on public health in India: How cost-effective is biofortification? Supervisor: Martin Qaim.
- 2003-04 Doctoral programme: *Agricultural and Development Economics*, University of Bonn.
- 1997-98 MA: *Economic Development and Policy Analysis*, University of Nottingham.
- 1995-96 BA: *Economic Sciences*, Jean Monnet Certificate, University of Montpellier 1.
- 1994-97 Advanced studies: *International Economics*, University of Münster.
- 1992-94 Intermediate diploma: *Economics and Business*, University of Würzburg.

### **Awards and honours**

- 2008 Biennial prize of the Friends of ZEF for the best doctoral thesis in 2005/06.
- 2007 Science prize 2006 of the University Association Hohenheim.

### **Other qualifications and experiences**

- Languages Fluent in *German, English, French* and *Spanish*.
- International Long-term stays in Spain, the UK, France, Belgium, the USA, Australia and India; missions and business trips overseas (Asia, Africa, Middle East, the Americas).
- IT Word, Excel, PowerPoint, Stata, HTML/CSS, Internet & Social Media; good general IT-literacy.

### **Publications and presentations**

- ✓ Publications in international, peer-reviewed journals.
- ✓ Presentations at conferences and workshops.
- ✓ Editing of reports for policy makers.
- ✓ Writing for websites on agriculture.
- ✓ Participation in panel discussions.
- ✓ Ad-hoc referee for academic journals.
- ✓ For a selected list see next page, otherwise:  
<http://www.AJStein.de/cv/literature.htm>

## **Publications and presentations**

(October 2011, complete list: [www.AJStein.de](http://www.AJStein.de))

### **Selected journal articles**

- Stein AJ (2010). Global impacts of human mineral malnutrition. *Plant Soil* **335**:133-154.
- Stein AJ, Rodríguez E (2010). Low-level presence of new GM crops. *AgBioForum* **13**: 173-182.
- Stein AJ, Rodríguez E (2010). International trade and GM crops. *Nature Biotechnol* **28**: 23.
- Qaim M, Stein AJ (2009). [de] Biofortification of staple crops. *Ernähr Um* **56**: 274.
- Stein AJ, et al (2008). Potential impacts of iron biofortification in India. *Soc Sci Med* **66**: 1797.
- Stein AJ, et al (2008). Genetic engineering for the poor: Golden Rice. *World Dev* **36**: 144.
- Stein AJ, et al (2008). [de] 'Green' biotechnology for a poor rural population. *Geogr Rundsch* **4**: 36.
- Stein AJ, Qaim M (2007). The human and economic cost of hidden hunger. *Food Nutr Bull* **28**: 125.
- Stein AJ, et al (2007). Plant breeding to control zinc deficiency in India. *Public Health Nutr* **10**: 492.
- Stein AJ, et al (2006). Impact and cost-effectiveness of Golden Rice. *Nature Biotechnol* **24**: 1200.
- Qaim M, Stein AJ (2006). [de] The role of agricultural R&D. *eins Entwicklungspol* **15-16**: 49.

### **Selected books and reports**

- Stein AJ (forthcom.). Frontiers in improving nutrition for the poor: biofortification and alternatives. In: Herring (ed). *Food, Politics and Society*. New York: Oxford University Press.
- Freitag C, Minol K, Stein AJ (2011). *Imports, labelling and consumer acceptance of conventional and GM crops in the EU*. Private client report. Berlin: Genius GmbH.
- Stein AJ (2010). *The potential of biofortification of rice, beans, cassava and maize throughout Latin America*. Report for the International Food Policy Research Institute, Washington, DC.
- Stein AJ, Qaim M (2009). [de] *Strategies to remedy micronutrient deficiencies*. Report for the Office of Technology Assessment at the German Parliament, Berlin.
- Stein AJ, Rodríguez E (2009). *New GM crops: implications of asynchronous approval*. Technical Report, European Communities, Luxembourg.
- Stein AJ, et al (2009). Zinc deficiencies and DALYs. In: Preedy, Watson (eds). *Handbook of disease burdens and quality of life measures*. Heidelberg: Springer.
- Stein AJ, Rodríguez E (2008). *Functional food in the European Union*. Technical Report, European Communities, Luxembourg.
- Zika E, et al (2007). *Opportunities and challenges of modern biotechnology for Europe*. Reference Report, European Communities, Luxembourg.
- Stein AJ (2006). *Micronutrient malnutrition and the impact of modern plant breeding on public health in India: How cost-effective is biofortification?* Göttingen: Cuvillier Verlag.
- Stein AJ, et al (2005). *Analyzing the health benefits of biofortified staple crops: a handbook*. Technical Monograph, International Food Policy Research Institute, Washington, DC.

### **Selected conferences and presentations**

- Stein AJ (2011). Economic aspects of GM crop production. *Invited speaker*, Eurobiotech, 12-15 Oct, Krakow.
- Stein AJ (2011). [de] Agricultural biotech and food security. *Discussion forum*, 26 May, Magdeburg.
- Stein AJ (2010). New GM crops and international trade. *Invited speaker*, JRC workshop, 4-5 Nov, Seville.
- Stein AJ (2010). Health economic analyses. *Presentation*, ecosystems workshop, 13-16 Sep, Lilongwe.
- Stein AJ (2009). Impacts of malnutrition. *Invited speaker*, IPI/IPNI symposium, 5-7 Nov, Bhubaneswar.
- Stein AJ (2009). [es] New biotech cultivars. *Seminar*, Ministry of Agriculture, 16-18 Sep, Lérida.
- Stein AJ (2009). GM crops and asynchronous approval. *Paper*, ICABR conference, 18-20 Jun, Ravello.
- Stein AJ (2008). Functional food in the EU. *Communication*, Biotec 2008, 17-19 Sep, Granada.
- Stein AJ (2007). Cost-effectiveness of biofortification. *Invited expert*, FAO consultation, 11-13 Dec, Cairo.
- Stein AJ (2007). [de] Potential of ag biotech. *Invited expert*, dialogue with MPs, 20 Sep, Berlin.
- Stein AJ (2006). Impacts of Golden Rice. *Paper*, IAAE conference, 12-18 Aug, Broadbeach.
- Stein AJ (2005). Malnutrition and labour productivity. *Invited speaker*, ILSI conference, 28-29 Oct, Delhi.
- Stein AJ (2005). Health benefits of biofortification. *Paper*, AAEA meeting, 24-27 Jul, Providence.
- Stein AJ (2004). Model for analysing health benefits. *Presentation*, IVACG meeting, 15-17 Nov, Lima.