

Christian Scholars Program: Economics Team

“The Moral and Social Dimensions of Microeconomic Behavior in Low-Income Communities”

2002-2003 Annual Report

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The Christian Scholars Program's economics team aims to explore the role of nonmaterial preferences and constraints – such as social norms, altruism, duty, trust, fidelity, solidarity, identity – in influencing behavior among or on behalf of poor subpopulations seemingly most in need of material advancement. Our collective work is focused around three core topics: (i) the social nature of investment and learning about new opportunities, e.g., about new production technologies or prospective market opportunities that may improve well-being and fuel economic growth and improved livelihoods; (ii) the functioning of solidarity and reciprocity arrangements to cushion the poor against adverse shocks; (iii) the place of generalized morality, social identity, and socially exclusionary groupings on contracting and resource access. Recent literatures on trust, fairness, social capital, the economics of altruism, interactions-based modeling, social learning, etc. all bear on these topics.

The team completed a successful second year marked by our first conference panel presentation, a stimulating second team meeting, the completion of more than 30 draft papers, more than 40 presentations of those papers at conferences and seminars at leading economics departments around the world, the completion of data collection in several empirical sub-projects and the commencement of data collection in the last of our empirical sub-projects, significant expansion of the team web site and promising communications with several prospective publishers. This annual report describes each of these activities as well as objectives for and anticipated activities in the project's third year.

PROJECT ACCOMPLISHMENTS TO DATE

The team's overall objectives are to (a) foster a vigorous, original discussion within the discipline on the role of nonmaterial (moral and social) preferences and constraints on microeconomic behavior in low-income communities, and (b) publish a major book that will disseminate the project's scholarship and have an impact throughout the discipline. In order to continue making good progress toward those objectives, we had the following five intermediate objectives for the third project year (2002-3), each of which was achieved as planned.

(i) Presentations of project papers at seminars at leading economics departments worldwide and in panels at the 2003-4 annual meetings of several major professional organizations.

Our project organized a session at the main economics meetings, the Allied Social Sciences Associations annual meetings, held in January 2003, in Washington, DC, in a session sponsored by the Association of Christian Economists. It was a standing room only session, with at least 75 attendees. The papers, by Glenn Loury, Andrew Foster, Chris Barrett, and with an "outsider's perspective" offered by Arthur Brooks (Syracuse University), were subsequently published as a symposium in the spring 2003 issue of *Faith and Economics*. and Our team has had another session accepted for the January 2004 ASSA meetings in San Diego, in a session sponsored by the American Economic Association. That session will feature Michael Carter, Andrew Foster, Karla Hoff, Eliana LaFerrara and Chris Udry.

We also presented a session in July 2003 in Montreal at the joint annual meetings of the American Agricultural Economics Association (AAEA) and the Rural Sociology Society.

The session was attended by 60-70 people, drawing prominent members of both the agricultural economics and rural sociology professions. The three papers in the session were presented by Chris Barrett, Michael Carter and Dean Karlan (Princeton University).

Please see Appendix 1 for other project-related presentations by team members.

(ii) *Enter into a publication contract with a major academic press for the summary volume of the team's three-year effort.*

We are currently considering contract offers from publishers for an edited book to be published in 2004. This book is the result of papers presented at our second team meeting in Rochester, NY, in May 2002, and subsequently revised. Edward Elgar and Routledge have sent contract offers without having seen any part of the book; others such as Cambridge and Oxford are more cautiously interested. The book is intended for an audience of economists and other social scientists with a reasonable degree of technical sophistication and is not aimed at a lay audience of practitioners or undergrads. We are presently negotiating with presses and expect to have a final contract in force before the end of 2003. Final versions of the chapters are all due at Cornell by December 31, 2003.

(iii) *Publish papers from individual sub-projects as journal articles and book chapters in high visibility outlets within the profession.*

We have published several papers from individual sub-projects as journal articles and book chapters in high visibility outlets within the profession. Please see Appendix 2 for details.

(iv) *Complete data collection and analysis under the empirical sub-projects.*

The project's seven empirical sub-projects involved collection and analysis of new data, from Bangladesh, Ethiopia, Ghana, Honduras, Kenya, Madagascar, South Africa and Tanzania. Each of the projects has indeed completed this data collection, although the Namur-based project (Platteau) suffered significant, unanticipated delays in beginning data collection and is therefore somewhat delayed in data analysis. Several of the team members traditionally make their data publicly available, so these new data sets will be a measurable contribution to scholarship in economics above and beyond the written analysis the principal investigators contribute.

GOALS FOR THIRD PROJECT YEAR: 2002-2003

This project has been granted a two year extension, with additional funding. In the project's next year, we aim to extend the project further. This will involve five separate goals for 2003-4:

- (i) **Hold third team meeting and first public conference:** Joan Esteban of the Institute for Economic Analysis has agreed to co-organize the third team meeting at the University of

Barcelona (Spain). This meeting, scheduled for February 9-11, 2004, will focus on theoretical issues concerning identity, community and the economics of poverty reduction. The conference program is being finalized now and will feature papers by team members Blume, Carter, Esteban, Kanbur, Kranton, Loury and Ray, as well as three additional invited papers from internationally recognized economists. The remaining team members will serve as paper discussants.

- (ii) **Secure an agreement from a leading journal to publish a special issue out of the Barcelona proceedings:** Joan Esteban and Chris Barrett will co-edit the papers from the Barcelona conference into a fully refereed special issue of a leading journal. We are approaching the *Journal of Economic Inequality*, on whose editorial board Esteban sits, about this possibility.
- (iii) **Secure co-financing from another source for the 2005 conference, likely from the Rockefeller Foundation:** A proposal has been submitted to hold the March 2005 Team Meeting and Second Conference at the Rockefeller Foundation's international conference center in Bellagio, Italy. This workshop will be co-organized by Christopher Barrett (Cornell University) and Andrew Foster (Brown University). Barrett and Foster will subsequently edit the papers out of this conference into a refereed special issue, which we expect to be published by either the *Journal of Development Economics* or the *Journal of Human Resources*.
- (iv) **Delivery of a completed edited book volume from the first phase to an academic publisher:** The 15 team members have each committed to deliver final versions of their papers from the first, three-year phase of the project to Cornell by December 31, 2003, for assembly into chapters for publication in a volume to be edited by Chris Barrett. We expect a final contract to be signed with a publisher by that date and to deliver the complete set of chapters to the publisher in spring 2004 for publication later in the calendar year.
- (v) **Additional papers and presentations from the team.** Our team has had another session accepted for presentation at the main economics meetings, the annual Allied Social Science Associations meetings, to be held in San Diego, in early January, 2004. This session, sponsored by the American Economic Association, will feature papers by Michael Carter, Andrew Foster, Karla Hoff, Eliana LaFerrara and Chris Udry. Individual team members will make further individual presentations of papers from this project at conferences and leading universities and research institutes around the world. We expect several further papers originating from this project to be accepted for publication or to appear in print over the course of the next project year, with due credit to this project.

VARIATIONS FROM ORIGINAL PLANS

Other than delays to the data collection in Kenya and Tanzania under the Namur-based project (directed by Jean-Philippe Platteau), and some shift in the topic of the Barrett paper, there have been no significant variations from original plans.

BUDGET INFORMATION

See Appendix 3 for Cornell University's official budget report on spending through June 30, 2003. This has been prepared by the designated university representative in the Sponsored Funds Accounting office of the Division of Financial Affairs.

Appendix 1: Team Member Presentations of Working Papers

- Barrett, Christopher B. "Nature, Wealth and Power", seminar at World Resources Institute, Washington, DC, November 2003.
- * Barrett, Christopher B. "The Economics of Poverty and the Poverty of Economics: A Christian Perspective," Keynote address, Annual Center New York InterVarsity Christian Faculty Conference, Ithaca, NY, April 2003.
- * Barrett, Christopher B. and Douglas R. Brown, "Agriculture and Rural Development: Lessons for Christian Groups Combating Persistent Poverty," presentation to Association of Christian Economists conference, Washington, DC, January 2003.
- *Blume, Lawrence presented "Stigma and Social Control" at IHS (Wien); CesIFO (Munich); the MacArthur Foundation Network on Social Interactions; Princeton University; SCASSS (Uppsala); University of Rochester.
- *Bowles, Samuel presented "The co-evolution of individual behaviors and social institutions" at Oxford University, Department of Zoology, invited lecture, March, 2002; University of Siena, Economics Departmental Seminar, June 12, 2002; Collegium Budapest, invited lecture, March 2002; Santa Fe Institute, workshop on group selection and evolutionary dynamics, February 2001.
- *Bowles, Samuel presented "Institutional Poverty Traps" at the Institute for Advanced Study, Berlin, invited lecture, March, 2002; Santa Fe Institute, workshop on poverty traps, September 2001; Oxford University, invited lecture, Department of Economics, March 2002; California Institute of Technology, invited lecture, February 2003; University of the Witwatersrand, Johannesburg, Invited lecture, March 2003.
- *Bowles, Samuel presented "The First Property Rights Revolution" at the University of California at Los Angeles, Economic Theory Seminar, February, 2002; University of Massachusetts, Economic Theory Workshop, November, 2002; Santa Fe Institute Workshop on Computational Social Science, July, 2003.
- *M. Fafchamps, E. Gabre-Madhin, and B. Minten "Increasing Returns and Market Efficiency in Agricultural Trade" presented at University Carlos III (Madrid, Spain, April 2002) and University of Davis, Davis CA, January 2003.
- *M. Fafchamps, "Ethnicity and Networks in African Trade" presented at Pew team meeting, May 2002 at the Mercatus Center conference, Charlottesville, USA, June 2002.
- *M. Fafchamps and C.Moser, "Crime, Isolation, and the Rule of Law" presented at United Nations University World Institute for Development Economics Research conference held at University of Oxford, September 2002; the Department of Economics, University of Aarhus, Denmark, September 2002; ISER, University of Essex, November 2002; ZEF Lecture on Development, Bonn, January 2003; NEUDC conference, New Haven, October 2003.
- *M. Fafchamps, 'Social Capital and Development', paper presented at the World Bank workshop, Washington DC, February 2002 and the GPRG Workshop, Oxford, October, 2002.

- *Foster, Andrew. "Endogenous altruism and household formation" invited session presented at 2002 ASSA meetings, December 2002.
- Foster, Andrew. "Economic growth and the rise of forests" presented at University of Washington, Environment Seminar. 2002.
- Carter, Michael R. and Marco Castillo presented "An Experimental Approach to Social Capital in South Africa" at the Department of Agricultural Economics, University of California, Davis, February 2003.
- Carter, Michael R. and Marco Castillo presented "An Experimental Approach to Social Capital in South Africa" at the Department of Economics, University of California, Berkeley, February 2003.
- Carter, Michael R. and Marco Castillo presented "Does it Take More than Markets to Get Ahead: An Experimental Approach to Social Capital in South Africa" at the Manchester Conference on Chronic Poverty, University of Manchester, March 2003.
- *Carter, Michael R. and Marco Castillo (2003) presented "Using experiments to measure social norms" at the 2003 International Meeting of the Economics Science Association, University of Pittsburgh, June, 2003.
- *Carter, Michael R. and Marco Castillo. "Coping with Adversity: The Impact of Trust and Altruism on Recovery from Hurricane Mitch," Annual Meetings of the American Agricultural Economics Association, Montreal, July 2003.
- *Carter, Michael R., Peter Little, Tewodaj Mogues and Workneh Negatu. "Market and Social Mechanisms for Coping with Economic Shocks in Ethiopia and Honduras," BASIS Research Program Annual Technical Committee Meeting, Durban, South Africa, August 2003.
- Clark, Simon and Ravi Kanbur. 2002. "Samuelson Machines and The Optimal Public-Private Mix." Cornell University AEM Working Paper 02-31.
- Clark, Simon and Ravi Kanbur. 2002. "Stable Partnerships, Matching and local Public Goods." Cornell University AEM Working Paper 02-32.
- *Dasgupta, Indraneel and Ravi Kanbur. 2001. "Class, Community, Inequality." Cornell University. AEM Working Paper 01-24.
- *Dasgupta, Indraneel and Ravi Kanbur 2002. "How Workers Get Poor *Because* Capitalists Get Rich: A General Equilibrium Model of Labor Supply, Community, and the Class Distribution of Income." Cornell University. AEM Working Paper 02-16.
- *Dasgupta, Indraneel and Ravi Kanbur. 2003. "Bridging Communal Divides: Separation, Patronage, Integration." AEM Working Paper 03-25.
- Esteban, Joan presented "The Social Contract with Endogenous Sentiments" at Aix-en-Provence, May 2001; Workshop on New Poverty and Changing Welfare Regimes, Bogazici University, Istanbul, October 2002; XXVII Simposio de Análisis Económico, Salamanca, Diciembre 2002; Meeting on Polarization and Conflict, Barcelona, December 2002; Conference on *Strategic Interactions in Industrial and Social Organizations* at CORE, Louvain-la Neuve, January 2003; International School of Economic Research, Siena, July 2003.

- Esteban, Joan presented "Polarization: Concepts, Measurement, Estimation," at The Summer Workshop on Polarization and Conflict, San Sebastian, Spain, July 2001; Research/Policy Workshop on New Dimensions of Security and Conflict Resolution, Brussels, February 2002; The World Bank, Washington, May 2002; an invited session at *Income Distribution and Welfare*, Bocconi University, Milano, May 2002; an invited session at Congreso de Economía Regional, Murcia, Noviembre 2002; an invited session at *X Encuentro de Economía Pública* Santa Cruz de Tenerife, February 2003; an invited session at *The Future of the Welfare State*, Siena, July 2003.
- Esteban, Joan presented "Endogenous Bargaining Power" at Fundación Juan March, Madrid, January 2002.
- Esteban, Joan presented "Inequality, Lobbying and Resource Allocation" at Queen's University, Kingston, Canada, May 2001; Conference on Lobbying, Università La Sapienza, Rome, September 2002.
- Hoff, Karla presented "After the Big Bang? Obstacles to the Emergence of the Rule of Law in Post-Communist Societies" at Berkeley, September 2003; Harvard University, Research Group on Political Institutions and Economic Policy, May 2003; AEA meetings, Jan. 2003.
- Hoff, Karla presented "The Transition Process in Post-Communist Societies: Towards a Political Economy of Property Rights" at the American Political Science Association meetings, Philadelphia, August 2003
- Hoff, Karla presented "Why Are Social Inequalities So Durable? An Experimental Test of the Effect of Indian Caste on Performance" at the MacArthur Foundation Network on Inequality, October 2003.
- *Kranton, Rachel. "A network model of public goods" presented at Brown, Toulouse, Summer School at San Sebastian.
- La Ferrara, E. (2002), "Self-Help Groups and Income Generation in the Informal Settlements of Nairobi", *Journal of African Economies*, 11(1), 61-89, presented at the Francqui Conference on "Cultural Diversity versus Economic Solidarity", Bruxelles, February 28- March 1, 2003 and at the ENGIME Workshop on "Social dynamics and conflicts in multicultural cities", FEEM, Milan, March 2003.
- *La Ferrara, E. (2002), "Descent rules and inter-vivos transfers", unpublished, Bocconi University, presented at the Pew Conference in Rochester, May 2002 and the NEUDC Conference, Williams College, October 2002.
- La Ferrara, E. (2003), "Diamonds are forever, wars are not. Conflict diamonds and the value of firms" seminar given at Yale, March 2003 and at NYU and Stockholm IIES, April 2003.
- Loury, Glenn. (with Roland Fryer and Tolga Yuret). "Color-Blind Affirmative Action," presented at Cornell University, Department of Economics, April 2003, and at MacArthur Foundation Social Interactions Network meeting, Stanford University, May 2003.
- C.M. Moser and C.B. Barrett, "The Complex Dynamics of Smallholder Technology Adoption: The Case of SRI in Madagascar," December 2002, Cornell University.
- Platteau, Jean-Philippe and Frederic Gaspart. "Strategic Behavior and Marriage Payments: Theory and Evidence from Senegal" presented at the CSAE (Centre for the Study of African

Economies) Bi-Annual Conference at Oxford, March 2002; and at a seminar at DELTA Institute, Paris, May 15, 2002.

*Ray, Debraj presented "Poverty, Aspirations and Economic Change" (early draft) at a World Bank Conference on Culture and Public Action (June 2002), in the form of a commentary on Arjun Appadurai's keynote address.

*Ray, Debraj presented "Polarization: Concepts, Measurement, Estimation" at the "Summer Workshop on Polarization and Conflict", San Sebastian, Spain, July 2001; an invited lecture at Hitotsubashi University, Tokyo, December 2001; The Society for Economic Design Conference, New York, July 2002.

Ray, Debraj presented "Contracts and Externalities: How Things Fall Apart," at the Conflict and Polarization meeting, Barcelona, December 2002.

Ray, Debraj presented "Group Decision-Making in the Shadow of Disagreement" when he was Woodward Distinguished Visitor at the University of British Columbia, Vancouver, June 2003.

Ray, Debraj presented "Inequality, Lobbying and Resource Allocation" when he was Woodward Distinguished Visitor at the University of British Columbia, Vancouver, June 2003.

Udry, Chris and Tim Conley presented "Learning About a New Technology: Pineapple in Ghana," at the Sante Fe Institute workshop on the coevolution of institutions and preferences in January 2003.

Udry, Chris and Markus Goldstein presented "Gender, Power and Agricultural Investment in Ghana," at UCLA, UC San Diego and the University of Southern California, November, 2002.

Udry, Chris presented "Fieldwork, Economic Theory and Research on Institutions in Developing Countries," at the annual meetings of the AEA, January, 2002.

Udry, Chris presented "Intrahousehold Resource Allocation in Côte d'Ivoire: Social Norms, Separate Accounts and Consumption Choices," with Esther Duflo. Presented at the University of Cape Town, August, 2003 and at the Institute of Statistical, Social and Economic Research at the University of Ghana, September 2002.

*** Presentations for which the Pew project is directly responsible (at least partially) through its funding.**

Appendix 2: Team Member Publications

- Anderson, Jon, Asif Shaikh, Christopher B. Barrett, Peter Veit, Jesse Ribot, Bob Winterbottom, Mike McGahuey, Roy Hagen, Bruce Campbell, Kadi Warner, Marilyn Hoskins, Pam Cubberly, Alex Serrano and George Taylor, *Nature, Wealth and Power: Emerging Best Practice for Revitalizing Rural Africa*. Discussion paper prepared by Environment and Natural Resources Team, Sustainable Development Office, Africa Bureau, USAID for the World Summit on Sustainable Development, held in Johannesburg, South Africa, August 2002.
- Baland, Jean-Marie, Olivier Dagnelie and Debraj Ray (2003), "Inequality and Inefficiency in Joint Projects," submitted for publication.
- Barrett, Christopher B. and Daniel C. Clay, "Self-Targeting Accuracy in the Presence of Imperfect Factor Markets: Evidence from Food-for-Work in Ethiopia," *Journal of Development Studies*, 39, 5 (June 2003): 152-180.
- *Barrett, Christopher B. "On Social Networks and Economic Development," *Faith and Economics*, no. 41 (Spring 2003): pp. 1-8.
- Barrett, Christopher B. and David B. Mustard, "The Ministry of Referees and Discussants," *Faith and Economics*, no. 40 (Fall 2002): pp. 26-32.
- *Bowles, Samuel Jung-Kyoo Choi and Astrid Hopfensitz. 2003. "The co-evolution of individual behaviors and social institutions" *Journal of Theoretical Biology*, 223(2):135-147.
- *Bowles, Samuel. 2004. "Institutional Poverty Traps" in *Poverty Traps* co-edited with Steven Durlauf and Karla Hoff. (Under review for publication by Princeton University Press and Russell Sage Foundation)
- *Bowles, S and Jung-Kyoo Choi. 2004. "The First Property Rights Revolution." *Santa Fe Institute Working Paper 02-11-061* (under review at *Journal of Political Economy*).
- Carter, Michael R. and John Maluccio (2003). "Social Capital and Coping with Economic Shocks: An Analysis of Stunting in South African Children," *World Development* 31(7): 1147-1163.
- *Carter, Michael R. and Marco Castillo (2003). "Using Experiments to Measure Social Norms," unpublished.
- Carter, Michael R. and Marco Castillo (2003). "An Experimental Approach to Social Capital in South Africa," under review.
- *Cervellati, Matteo, Joan Esteban and Laurence Kranich (2003) "The Social Contract with Endogenous Sentiments", under revision for *American Economic Review*.
- *Duclos, Jean, Joan Esteban and Debraj Ray (2003), "Polarization: Concepts, Measurement, Estimation," under revision for *Econometrica*.
- Eliaz, Kfir, Debraj Ray and Ronny Razin (2003), "Group Decision-Making in the Shadow of Disagreement," submitted for publication
- Esteban, Joan and Debraj Ray (2003), "Inequality, Lobbying and Resource Allocation," mimeo.
- Esteban, Joan and Jozsef Sákovics (2003), "Endogenous Bargaining Power" revised June 2003.
- Esteban, Joan and Debraj Ray (2003), "Inequality, Lobbying and Resource Allocation," mimeo.
- M. Fafchamps, "Market Institutions in Sub-Saharan Africa", MIT Press, Boston, 2004 [forthcoming]

- *M. Fafchamps, "Ethnicity and Networks in African Trade", *Journal of Economic Growth and Developing Areas*, Berkeley Electronic Press, [forthcoming]
- *M. Fafchamps and C. Moser, "Crime, Isolation, and Law Enforcement", *Journal of African Economies*, 12(4), 2003 [forthcoming]
- *M. Fafchamps, E. Gabre-Madhin, and B. Minten, "Increasing Returns and Market Efficiency in Agricultural Trade", [R&R with JDE]
- M. Fafchamps and E. Gabre-Madhin, "Agricultural Markets in Benin and Malawi: Operation and Performance of Traders", World Bank research working paper, 2001
- M. Fafchamps and E. Gabre-Madhin, "Market Institutions, Trading Practices, and Market Performance in Benin and Malawi", mimeo
- M. Fafchamps and B. Minten, "Crime and Poverty: Evidence from a Natural Experiment" [under review with the *Journal of Law and Economics*]
- M. Fafchamps and S. Durlauf, "Empirical Studies of Social Capital: A Critical Survey", [to appear in *Handbook of Macroeconomics*, volume 3]
- M. Fafchamps, "Social Capital and Development" [to appear in a special journal issue on multidisciplinary approaches to development]
- *A.D. Foster, "Household Formation and Endogenous Altruism" *Faith and Economics* Issue #41, Spring 2003, pp. 16-22.
- A.D. Foster and M.R. Rosenzweig, "Economic Growth and the Rise of Forests." *Quarterly Journal of Economics*, 118 (2)601-637, 2003
- Genicot, Garance, and Debraj Ray (2003), "Contracts and Externalities: How Things Fall Apart," submitted for publication.
- * Hoff, Karla and Arijit Sen. "A Simple Theory of the Extended Family System and Market Barriers to the Poor". *Poverty Traps*, co-edited with Samuel Bowles and Steven Durlauf. Submitted jointly to Princeton University Press and the Russell Sage Foundation.
- Hoff, Karla. "Can Privatization Come Too Soon? Politics after the Big Bang in Post-Communist Societies". *Economics for an Imperfect World*, eds. Richard Arnott, Bruce Greenward, Ravi Kanbur, and Barry Nalebuff, MIT Press. In press.
- Hoff, Karla and J.E. Stiglitz "The Transition Process in Post-Communist Societies: Towards a Political Economy of Property Rights". *Proceedings of the Annual Bank Conference on Development Economics*, Oslo, 2002. Forthcoming.
- Hoff, Karla. "Paths of Institutional Development: A View from Economic History". *World Bank Research Observer*. In press.
- Kranton, Rachel and George Akerlof. "Identity and Schooling." *Journal of Economic Literature* December 2002.
- La Ferrara, E. (2003), "Kin groups and reciprocity: A model of credit transactions in Ghana", *American Economic Review*, forthcoming.
- Loury, Glenn and Robert Costrell. "Distribution of Ability and Earnings in a Hierarchical Job Assignment Model," formally accepted and forthcoming in the *Journal of Political Economy*.

- *Loury, Glenn. "Racial Stigma: Towards a New Paradigm for Discrimination Theory," *American Economic Review Papers and Proceedings*, 93(2):334-37, May 2003.
- Loury, Glenn, Clark Cunningham and John Skrentny. "Passing Strict Scrutiny: Using Social Science to Design Affirmative Action Programs, *Georgetown Law Journal*, 90:4 (April 2002), pp 835-882
- Loury, Glenn. *The Anatomy of Racial Inequality*, Harvard University Press, 2002
- *Loury, Glenn. "On Group Identity and Individual Behavior," *Faith and Economics* (No. 41, Spring 2003, 8-16)
- *Ray, Debraj (2003), "Poverty, Aspirations and Economic Change," forthcoming in A. Banerjee, R. Bénabou and D. Mookherjee (eds), *Policies for Poverty Alleviation*, Princeton University Press.
- Udry, Chris. "Fieldwork, Economic Theory and Research on Institutions in Developing Countries," *American Economic Review, Papers and Proceedings*. 93(2), pp. 107-111.
- Udry, Chris. "Child Labor," Yale Economic Growth Center Working Paper 856, June 2003.
- * Udry, Chris and Tim Conley. "Learning About a New Technology: Pineapple in Ghana" Bureau for Research in Economic Analysis of Development Working Paper no. 12, August 2003.
- * Udry, Chris and Esther Duflo. "Intrahousehold Resource Allocation in Côte d'Ivoire: Social Norms, Separate Accounts and Consumption Choices" Yale Economic Growth Center Working Paper 857, June 2003.
- * Udry, Chris and Markus Goldstein. "Gender, Power and Agricultural Investment in Ghana," Yale University Manuscript, August 2003.

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