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United States Microfinance: Regulating to Promote Growth?

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Abstract: This study draws on 20 in-depth interviews with microfinance institutions, practitioners, analysts/policymakers, and academics, along with a review of literature to understand and assess the state of the microfinance industry in the United States in terms of its salient features, critical issues and regulatory landscape, using the microfinance chain of funders, providers and customers as an organizing framework. Global microfinance is used as a baseline comparison where relevant. The study finds that the microfinance industry (MFI) in the United States is very much in a nascent microcredit stage, populated with microfinance institutions that are largely nonprofit, non-depository, credit only institutions, with some of the larger MFIs forming symbiotic partnerships with commercial banks in order to overcome the banking challenge. Their target market, funding sources and governance issues that stem from the MFIs' existence at the nexus of banking and development are discussed. The current state of microfinance regulation in the United States is assessed in light of the costs and benefits of regulation as well as its unintended consequences. We suggest a tiered/gradual growth promoting regulatory approach that would allow an MFI to transform gradually to offer more comprehensive services, while making allowances for the industry's developmental state.

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Keywords: United States Microfinance, United States Microfinance regulation, Microfinance institutions, Financial inclusion, Poverty alleviation, Grameen Bank, Microenterprise.

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Introduction

Microfinance has been lauded as an innovation in the important new frontier market for risk capital to the underbanked, or those who have been previously excluded from the financial system. This attempt at democratization of capital access to the bottom of the pyramid consumer has been called an active frontier of “creative capitalism,” “bottom billion capitalism” or “poverty capital” (Roy 2010), suggesting its roots in the some of the poorest countries in the developing world, like Bangladesh where it flourished primarily due to financial service product innovations suited to the local context. Typically in developing countries, microfinance institutions (MFI) seek to provide credit to very low income households, or to ‘necessity’ entrepreneurs to start survival scale businesses, to smooth consumption, to insure risk and to offer a safe haven for microsavings. A typical MFI in the global context is a nonprofit organization, funded by host governments and other multilateral agencies, while some are member owned cooperatives. Funding for this type of MFI comes from patient or undemanding capital seeking social returns versus commercial or demanding capital, which seeks a return commensurate with risk.

MFI business models globally have evolved over the past three decades from grant-dependent, credit only models to more comprehensive deposit mobilizing institutions (IMF 2005), facilitated by regulatory changes and, in an increasing number of cases, to profit seeking institutions funded by commercial capital. In terms of MFIs in the United States, there is a clear distinction between the financial systems approach and the mission centered approaches that take starkly different perspectives on outreach and sustainability. Hence, MFIs have been broadly classified into Type 1 and Type 2 organizations, where Type 1 organizations are mission driven and emphasize outreach over profits and self-sustainability, versus Type 2 organizations that are driven by the profit motive in response to market forces, with less emphasis on social consequences (Von Pischke 2002). Mohammed Yunus, one of the leading figures in microfinance, discussed the merits of the social business which harnesses market forces in the pursuit of social ends, since in his view microfinance mainly revolves around financial support for the entrepreneurial efforts of the poor to allow them to survive the seasonality of unemployment in places with no social safety nets, along with unexpected shocks that punctuate

their precarious livelihoods. A social business is a non-loss, non-dividend paying business that ploughs its profits back into the business in a never-ending cycle of renewal rather than dividend it out to shareholders (Yunus 2007).

The United States arguably has one of the most well developed financial systems in the world, yet it excludes 12-15 million households that are either underbanked or unbanked (FDIC 2009). In the past decade or so, there has been increasing interest in adapting the microfinance innovation to the United States context to enable financial inclusion for low income households. The more formal nature of the U.S. economy makes it harder to start smaller, survival scale businesses that face limited market demand, or “puddles of demand.” A more complex, highly formal economy also requires an adequate level of financial training and education. Consequently the microfinance sector in the United States is atomized with a number of smaller, dispersed MFIs providing microcredit, or credit plus training, to clients (Schreiner and Morduch 2002; Talen, Weiss and Sarkar 2002). Economic activity in the United States is not just more formal but also more regulated, particularly when it comes to finance; all forms of finance are to some extent regulated by consumer protection laws on the demand side and by prudential or non-prudential banking regulations, and state level usury laws limiting interest rates and capital adequacy ratios designed for commercial banking on the supply side, depending on whether or not the MFI engages in financial intermediation by way of deposit mobilization.

Microfinance in the United States has not evolved into a comprehensive range of financial services covering the gamut from microcredit to savings and insurance as it has in some parts of the developing world, where the service spectrum is much broader and mobile technology is used quite effectively to enhance outreach to clients in remote locations. Hence, we argue in this study that the United States is in microfinance 1.0 or still nascent, very much in the growth stage of its evolutionary life cycle. In Jonathan Lewis’s words, it is still a movement trying to find its way, not a sector¹. As microfinance in the United States evolves and matures, adapting to unique contextual features as it has elsewhere in the developing world, the regulatory and governance dimensions of microfinance are expected to move to the forefront, since regulation is a powerful tool that can either help the productive growth of this emerging sector or curb its development, if applied in a misguided manner.

¹ Jonathan Lewis, Microfinance USA 2011 Conference, May 23, 2011.

This report contains 6 sections. Following the introduction, Section 2 outlines the method used for this study, which draws upon expert opinions as well as extant literature. Section 3 provides a review of the critical issues confronting the microfinance industry in a global setting. Section 4 discusses salient features and similarities and differences between the relatively more mature global microfinance experiences in developing countries and the evolving microfinance sector in the United States, which, like its global counterpart, is far from monolithic, consisting of a variety of bank and non-bank institutions, but is marked by some important differences related to its earlier life cycle stage, such as its relatively brief service spectrum focused primarily on microcredit and training components. Section 5 of the paper discusses the current state of regulations impacting microfinance in the United States, and the need for context sensitive regulations tailored to the unique nature of microfinance, along with motivations for commercial bank/MFI partnerships, the role of self-regulation and unique governance issues faced by MFIs, and their implications. Section 6 concludes the discussion with recommendations for promoting scale and growth of MFIs in the United States.

2. Methods

The intent of this study is to gain an understanding of the nature of microfinance in the United States in terms of its institutional structure, target market, products and services, nature of innovations, and governance issues, in order to assess current regulations of microfinance and to suggest regulatory best practices based on global experience in the sector. Given the scant literature in the field compared to the literature on global microfinance, as well as the early evolving nature of the field, the expert interview method was chosen for this study as a means for primary data collection. The in-depth, semi-structured interview method was selected, since this modality provides for focused and systematic information collection, while allowing the interviewee to provide rich and relevant contextual information appropriate to each case (Eisenhardt 1989; Yin 1994).

Interviewee selection was first based on a review of extant literature, related to global and U.S. microfinance, as well as perusal of web sites, academic papers and press releases related to the core topics of the study. After the first set of interviews was conducted, the snowball method (Rubin and Rubin 2004) is used along with the first approach of contacting authors of academic papers or people named in published sources for locating relevant expertise. An interview

instrument was designed for MFI practitioners, which was later modified to suit the interviewee's institutional background as the interview base expanded from MFI practitioners to academics with published output in the field and other research and policy think tanks involved in work related to microfinance to various institutions related to microfinance such as the Consultative Group to Assist the Poor (CGAP), World Bank, Association for Enterprise Opportunity (AEO), Center for Financial Inclusion, Microfinance Opportunity International, Citibank Microfinance Unit, and Grameen Foundation USA,. In addition, academics and practitioners in Sao Paulo, Brazil and Bangalore, India are interviewed to provide local insights into global developments in microfinance. Interview questions are grouped around broad categories related to the microfinance chain: funders, providers and customers, followed by those related to regulation of the sector in the United States. The interview protocol also underwent changes as new information gleaned from interviews expanded the researchers' understanding of the key themes. The use of multiple informants from various institutional backgrounds spanning the academic to the practical helped develop a rich and prismatic view of the landscape of U.S. microfinance and its salient features to provide the backdrop for an assessment of the nature of regulation. Interviews of academics with the relevant publications in the field are used to gain theoretical insights that counter and complement the practitioner perspective. Extensive use of archival and extant literature on the topics of microfinance and regulation in the United States and developing country contexts are used to add theoretical grounding for the study.

A total of 20 in person and telephone interviews were conducted between November 2010 and November 2011. Relevant content from presentations and panel discussions from the Microfinance USA 2011 Conference, New York City, May 23-24, 2011 were also incorporated into this study. Interviews ranged from 20-45 minutes and were digitally recorded with the interviewee's consent and transcribed for review and analysis. Data analysis started with a reduced set of initial interviews in order to avoid data suffocation (Pettigrew 1990). An initial set of interviews was selected using the criteria of content relevance/richness and potential for variance for deeper analysis (Strauss and Corbin 1998). Subsequently, information from all the interviews were clustered and related to theoretical concepts and core ideas from the microfinance literature to start a dialogue between theory and primary data collected from interviews (Ragin 1994). This interactive process helped add dimensionality, meaning and

relevance to the interview data, while suggesting new avenues of thought and information not obvious or present in the extant literature.

3. Emerging Concerns in Microfinance Institutions: Global Scenario

This section provides a discussion on the ongoing poverty lending versus financial systems approach debates in the microfinance industry based on global experience, followed by the renewed importance on savings, graduation programs to strengthen the agency of clients and technological advances in the sector. This section also discusses the recent crisis in the microfinance sector of Andhra Pradesh which has implications for the regulatory and governance fabric of microfinance globally.

In microfinance, both the financial systems and the poverty lending approach share the goal of making financial services available to the poor. The poverty lending approach focuses on reducing poverty through credit and other services funded through subsidies and concessional funds, whereas the financial systems approach focuses on commercial financial intermediation and institutional self-sufficiency. There is a view that the poverty lending vis-à-vis financial system approaches is more than an either/or argument, rather it is the extent to which an institution pursues either of these goals and its potential consequences (Rhyne 1998). Although in most parts of the world the microfinance sector appears to be trending toward a financial systems approach, individual institutional strategies differ significantly, as is evident in the case of Grameen and BRAC in Bangladesh, explained later in this section.

Globally, there is an increasing shift towards the commercialization of the sector, leading to what is popularly known as “mission drift,” which refers to “the de-emphasis of social mission in pursuit of higher financial returns” (Woller 2002). This phenomenon of shifting the focus towards relatively better off poor borrowers in the pursuit of profits is feared by Muhammad Yunus and those who subscribe to the mission-centered view that microfinance seeks to replace the money lender, not become one. There is a view that subsidies could help push MFIs towards their double bottom line of social and financial results (Copestake 2007) as a way to avoid mission drift. An associated argument is that the continuous use of subsidies crowds out other potential sources of funding such as savings mobilization (Morduch, 2000), and possibly restricts institutional ability to seek efficiency gains. However, recent empirical

evidence shows mixed results, with one recent study indicating that outreach is negatively related to efficiency of MFIs (Hermes, Lensink and Meesters 2011). Mersland and Strøm (2010) find that an increase in MFI average profit and average cost tends to serve financially sound clients who can absorb large loans. The verdict of empirical findings indicates that the results are inconclusive on the issue of commercialization and its impacts on MFIs in terms of efficiency and outreach.

The Grameen II experience indicates the need for savings in a successful microfinance program, in the context of commercialization debates in the sector. Under the classical Grameen I model, group loans were offered to create self-employment or for other income-generating activities rather than for supporting consumption. The compulsory weekly savings and loan deductions were the inbuilt mechanisms to promote a savings culture among the members and to support activities to improve members' welfare. Over the 1980s and early 1990s, the clients took bigger consumption loans as well as new types of loans such as housing (Hulme 2009), and attached less importance to savings. This was encouraged by the bank to some extent, leading clients to take on levels of debt which they could not service from their income. The situation was further worsened due to the flood situation in 1998, and the Grameen experiment started to crumble.

The concept of the group fund has been changed in Grameen II and the borrowers were offered individual accounts, along with a number of savings products including a pension savings scheme. Going into debt often worries low-income households, so many prefer to turn regular microsavings into 'lumps' of money that can be spent on major purchases or events (Rutherford 2000). Overall, the Grameen II experiences provide the first sound proofs of the saving capability of the poor and indicate the layered and complicated saving strategies used by the poor (Dowla and Barua 2006), leading to the conclusion that the poor may need savings/deposit services as much as they do credit. In a recent field experiment study in rural Kenya, the results suggest that households would save more if they had access to a broader array of saving devices, from simple safe boxes to commitment contracts (Dupas and Robinson 2011). In sum, the mobilization of the savings, an important fundamental to the MFIs, requires an understanding of the nature of such savings, which may be small and short-lived surpluses that accrue to the household with high frequency and seasonality. However, the saving aspect of the

MFIs puts further challenges on the regulatory legislations in the sector, as explained in Section 5.

Whether microfinance is an appropriate instrument to target the extreme poor is another concern in the sector. There are alternate models of serving this segment such as cash transfers, which are targeted at the ultra-poor, as well as those that provide access to diverse types of non-cash resources. According to Hashemi and de Montesquiou (2011), successful efforts to reach the extreme poor often have combined access to financial services with a variety of nonfinancial services, such as livelihood training, as evident in the “Challenging the Frontiers of Poverty Reduction/Targeting the Ultra Poor” (CFPR/TUP) program by BRAC in Bangladesh, which reached around 300,000 poorest households who are managing sustainable economic activities. To meet the primary needs of the borrowers in the ultra-poor category, integrated microfinance that includes financial services along with a host of other services is being encouraged by institutions such as BRAC. These integrated services generate opportunities for the ultra-poor to gradually integrate them into mainstream microfinance programs, through a broad-based and multidimensional approach which involves enterprise development training, asset transfer, social development, and essential health care. This experience reconfirms that MFIs could play a greater role in helping the extreme poor, if target client needs are better understood and appropriate delivery mechanisms are developed in response. These types of graduation programs in microfinance provide substantial support to develop the capabilities of the poor, in terms of confidence, skills, assets and access to microfinancial services to help them operate more effectively in a market situation.

New technologies such as cellular telephones, ATMs and debit cards have enabled MFIs in developing countries to provide a wider range of services to existing clients at a reduced cost, such as mobile banking, managing a network of retail agents and providing electronic transaction facilities to customers and to financial institutions. Technology has also enabled outreach to new clients based in remote areas of the country, as witnessed by experiences of correspondent or branchless banking in Brazil, Kenya and South Africa, where branchless banking services appear to reach the most vulnerable populations across a range of services (Bankable Frontier Associates LLC, 2010), while reducing service costs and increasing service quality (Kapoor, Ravi and Morduch 2007). However, technological advances have brought in new supervisory

challenges related to the payment system. For instance, a recent study on the experience of M-PESA (M for mobile, and “pesa” being Swahili for money) in Western Kenya indicated that the need for intense daily liquidity management support is restricted by factors such as employee misconduct and physical security (Eijkman, Kendall and Mas 2010). Many countries in sub-Saharan Africa (SSA) are gearing up to embrace these technological changes and have implemented specific laws and regulations to tackle the potential security threats posed by these new channels by setting guidelines on the use of agents and mobile banking (M-banking) in South Africa and Ghana (Arun and Murinde 2010). Thus technological advances have enabled or increased access, while infusing the regulatory spectrum of microfinance with many specific variants of regulatory legislations.

The Indian state of Andhra Pradesh, once hailed as a successful region for MFIs received international media coverage in 2010 in relation to unethical loan recovery practices followed in the sector and subsequent government clampdown of the sector with rather draconian regulations. The media coverage of SKS, a for-profit MFI, whose stratospheric initial public offering (IPO) in Andhra Pradesh was not in the favor of the interests/image of the social mission of microfinance, added fuel to the public perceptions of predatory microfinance that exploited rather than served the poor (CGAP 2010). The situation is complicated by the fact that the newly recruited staff of MFIs in southern India sought to achieve financial targets using aggressive and unethical practices, which have influenced the state government to introduce regulatory legislation named the Andhra Pradesh Microfinance Institutions (Regulation of Money Lending) Act, 2010, aimed at regulating the lending and recovery practices of the microfinance institutions in the state. The act initiates a penalty on the use of coercive loan collection practices by the MFIs and prohibits lending to the self help groups that are covered by the formal banking sector without prior approval of the banks. The act also insists the public display of the rates of interest charged by MFIs in a noticeable place visible to all members. Porteous (2006) finds that mandatory requirements on MFIs to publish interest rates in a uniform and transparent manner could in the long run lead to reductions in interest rates. Hence, these newly devised non-prudential regulations for the microfinance sector in southern India may in fact have a salutary effect on the sector’s growth.

Hulme and Arun (2011) find a better managed crisis situation in Bangladesh, where the MFIs hold ‘compulsory savings’ from clients, which provide a buffer (for the MFI and client) in case of client difficulties with repayment and to manage a potential default. By comparison, in India, the regulatory restriction of not allowing MFIs to hold savings raises the risk of client defaults and MFI collapse. In light of findings that MFI clients need access to safe savings services as much as they do credit, and the role of savings in MFI sustainability, the issue of savings mobilization has opened up further discussion on necessary changes in the regulatory legislation of the sector.

The Andhra Pradesh crisis highlights two issues: the need for appropriate regulations and the need for training among the borrowers. The tendency among poor households to borrow in excess of their repayment capacity may require exposure to programs of financial education which enable them to better assess their credit needs in light of repayment capacity as well as terms and conditions of the available financial products. This in turn has already resulted in the imposition of financial regulations that require transparency and truth in lending similar to developed countries. Financial education and training could also serve to inculcate a certain degree of financial responsibility among individuals in the wise use of credit and understanding of consumer rights. Although training such as this could allow households to take informed decisions, the question remains as to who will provide appropriate training and bear the additional cost of training. The justification for regulating microfinance has been stimulated by a desire to correct unethical practices in an industry that has grown too soon and too fast for its own good.

4. Salient Features and Key Issues in Microfinance in the United States

This section provides an overview of the nature of U.S. microfinance, its origins, and evolution with an emphasis on key issues animating the field. These include the nascent nature of U.S. microfinance marked by an emphasis on microcredit versus the more holistic microfinance seen in developing countries; the goal of financial inclusion of microfinance into mainstream finance and the problems associated with the transfer of this technology to the United States; sources of funds, target market, structure of MFIs; need of scale and barriers to growth of the microfinance sector; and the challenge of continuing subsidy dependence.

Like any transplant, microfinance innovation has changed and adapted to its new environment in the United States, but comparisons are drawn to the global scenario, where relevant. Globally, microfinance has a much longer history marked by notable innovations in lending methodologies, flexible collateral, and savings mobilization (Armendariz de Aghion and Morduch 2004). Other innovations in the global arena include advances in mobile banking, such as M-Pesa in Kenya and the innovative use of branchless banking in Brazil supported both by mobile banking technology and regulatory innovations respectively (Rhyne 2009). By comparison, microfinance innovations in the United States capitalize on technology based solutions to client outreach and service delivery, such as the Microloan Management System (MMS), an automated loan underwriting systems for online loan approval developed by ACCION.² Interviewees mentioned microfinance business model innovations that had led to new sources of revenue and funds.³ However, interviewees did concede that client outreach via innovative technologies is still evolving in the United States.

The global model of microfinance popularized by the Grameen Bank I is predicated on small dollar loans, a peer or group lending model that serves as a substitute for collateral, subscription to the 16 Grameen principles which span lifestyle choices, forced savings, and graduated loan sizes to assess repayment behavior and capacity. Given the cultural, social and geographic differences in the United States, this model is not open to easy transfer to the United States, where average loan sizes tends to be larger (around \$5000 or more), and the peer lending model is not as easily deployable due to dispersion of target consumers, as well as cultural differences. Hence the web of incentives for repayment in the form of peer pressure, threat of repossession of chattel goods or loss of future access to loans (Armendariz de Aghion and Morduch 2004) in the developing world that may have contributed to the much publicized 98 percent repayment rates is absent in the United States. Moreover, the poor in the United States have, in principle, access to banks for savings and other services, with the caveat that costs may be prohibitive or access may be subprime compared to prime customers who benefit from no cost checking and savings and other services by virtue of higher bank balances.

² Interview with Catherine Pena, ACCION Texas, October 14, 2011.

³ Interview with Tammy Halevy, Association for Enterprise Opportunity, May 18, 2011.

In addition, global microfinance has moved beyond microcredit to offer a raft of innovative services that encompass education, health and insurance, as discussed in the previous section. By contrast, U.S. microfinance focuses to a large extent on microcredit and training. A few practitioner definitions of microfinance in the United States are illustrative of the driving forces in this field in the U.S. context. Gina Harman, CEO, ACCION USA defines microfinance as assisting people who do not have access to capital; this is part of a much larger picture of aiding communities to develop economically, to serve as change agents who pave the way for financial inclusion and to eliminate obstacles to economic growth. Leslie Kane of Grameen America states that microfinance is about community building and creating the infrastructure or social network for people to interact and learn, while providing catalyzing capital for entrepreneurial activity. Eric Weaver of Opportunity Fund notes that microfinance is more about helping the economically disadvantaged build wealth, since focusing purely on financial inclusion may be no different than subprime or payday lenders.⁴ All of these definitions emphasize financial inclusion and wealth creation for the low income individual and for the community, while seeking to differentiate microfinance or microcredit from for-profit lending.

Microcredit refers to very small loans given with little or no collateral, provided by legally registered microfinance institutions. Microfinance by comparison refers to a far more comprehensive range of financial services including credit, savings, insurance, money transfers, and other financial products provided by different service providers, targeted at poor and low-income people (<http://www.microfinancegateway.org>). The microfinance chain includes investors (capital providers), microfinance service providers or MFIs and users of services (bottom of pyramid, or BOP, customers). In the United States, microcredit is typically offered along with a training or education component, while the other forms of microfinance such as insurance are not as common, though housing loans for low to moderate income households are gaining popularity with the recent economic crisis.⁵ In addition, in the United States, there seems to be a clearer distinction between consumer and business loans for low-to-moderate income (LMI) households as compared to developing country microfinance, where the dividing line is

⁴ Microfinance USA 2011 Conference Key Note speeches, May 23-24, New York City.

⁵ Interview with Galen Gondolfi and Justine Petersen, July 2011.

nebulous at best due to the fungible nature of very low income household consumption patterns in developing countries along with a less formal economic structure.⁶

Financial inclusion, which refers to ease of access to mainstream financial services by all members of the economy, is an important policy concern in the United States, due to the significant presence of low to moderate income households in the United States, who lack access to mainstream financial services (FDIC 2009). According to a United Nations report, the overarching goal of financial inclusion includes the availability of a variety of financial institutions offering a range of appropriate products and services at reasonable costs to all sections of the society, backed by an enabling and supportive legal and regulatory infrastructure (UNCDF 2006). The FDIC (2009) survey further states that approximately 7.7 percent of households in the United States are unbanked (annual earnings less than \$30,000) and almost half of them had never obtained bank accounts, while the other half previously had one but were excluded at present. In addition, roughly 17.9 percent of U.S. households were underbanked (annual earnings less than \$50,000); they do have a checking or savings account, but rely on alternative financial services to cover lost income or meet the needs of basic living expenses. The United States has 40 million households (109 million people) with limited access to mainstream financial institutions and of that number 28 million are completely excluded (www.accionusa.org). In aggregate, 25.6 percent of households, or 60 million adults, are unbanked or underbanked in the United States. This presents a strong argument for substantial financial services expansion in the microfinance sector. Moreover, most of the unbanked households in the United States do not have enough money to need an account at banks, and hence remained unbanked (FDIC 2009). Hence, the focus of U.S. microfinance has been on financial inclusion by providing microcredit to the unbanked in order to later channel them into mainstream finance. Microfinance currently exists at the periphery of mainstream finance, making this a challenging uphill road to financial inclusion.

Microenterprises, defined as 5 or fewer employees, constitute approximately 18 percent of employment in the United States. Out of the 20 million microenterprises in the United States,

⁶ One of the interviewees made this point very starkly when she indicated that in one case a family in Africa had purchased a refrigerator with a business loan from an MFI, leading the lender to wonder if this was in fact a business loan until the discovery that the intended use for the refrigerator was to rent out cooling space to neighbors (Leslie Barcus, Microfinance Opportunity International, Washington, D.C. May 2011).

less than 1 percent are currently receiving credit or business assistance (www.grameenamerica.org). In 2009, the Aspen Institute's Microenterprise Fund for Innovation, Effectiveness, Learning and Dissemination (FIELD) Program conducted a U.S. Microenterprise Census to identify 696 microenterprise programs providing loans, training, assistance and other services to 274,128 microentrepreneurs in the United States. Yet, only 2 percent of potential microfinance customers are being served in the United States, compared to 17 percent in the developing world (U.S. Microenterprise Census Highlights 2008).

The first attempt at microfinance in the United States started in 1986 with an invitation from Bill Clinton, then governor of Arkansas, to Muhammad Yunus to visit the United States to discuss microfinance and its possibilities, which resulted in the creation of a Grameen style fund to provide uncollateralized, trust or good-faith based, microloans to low income entrepreneurs in rural Arkansas, to bootstrap their way out of poverty and financial exclusion (Yunus 2007). However, the Good Faith Fund was never able to achieve scale or self-sufficiency to significantly alleviate poverty; it is argued that sociocultural differences that led to the failure of the group lending model in the United States could have been the primary reason for the failure of the transplant to yield the same results as in the developing countries (Taub 1998). Other reasons for the failure of the group lending model could be due to failure of the borrowers to form a socially cohesive group in a context where population densities are far less compared to Bangladesh, which is a country the size of Florida with a population of 160 million. Moreover, the groups formed in the United States were not voluntary; the main benefit of voluntary grouping is 'assortative matching' which tends to ameliorate the problem of adverse selection by allowing safe and risky borrowers to form separate groups. Instead, U.S. groups are relative strangers picked from training programs offered by the Fund (Sengupta and Aubuchon 2008; Armendariz de Aghion and Morduch 2004).

In January 2008, Grameen America opened its first branch in New York and has loaned over \$25 million to 7,300 borrowers at interest rates of 15 percent (www.grameenamerica.org). Grameen America is experimenting with transplanting the storied Grameen I group lending methodology to the United States.⁷ In the intervening years, several types of MFIs have proliferated in the United States. Newer types of nonprofit and for-profit financial institutions

⁷ Interview with Katherine Rosenberg, Grameen America VP, New York, November 11, 2011.

that have entered the microfinance market in the past few years are categorized into two broad categories: lenders targeting LMI microenterprises (Progresso Financiero, Finaciera Confianza and OUR Microlending) and lenders targeting broader client bases with capital needs less than \$35,000 (peer-to-peer lenders such as Prosper and Lending Club as well as larger retailers like Sam's Club and alternative commercial lenders such as On Deck Capital) (Gomez and Edgecombe 2011). In the United States, non-bank financial services offered by big box retailers like Walmart, such as money orders (\$75 billion a year), check cashers (\$60 billion a year) and payday lending (\$338 billion in 2010) are gaining popularity (*The Economist* 2011). In spite of this trend, a large majority of MFIs in the United States are still nonprofit, non-depository MFIs that rely on subsidies from plural sources for on lending to their target clientele. Some of the larger MFIs have well-developed commercial bank partnerships that serve to fulfill the deposit function.

In the United States, the microfinance market is targeted at marginalized, self-employed individuals and families struggling to meet basic needs through small entrepreneurial initiatives, or the necessity entrepreneur. On average, they have incomes at or below 80 percent of the median income and more than 51 percent fall into the LMI category, those who are shut out of conventional credit channels due to lack of or limited financial records, insufficient collateral, blemished credit histories and so on. They tend to rely on alternative financial service providers such as payday loans, check cashing services and pawnshops to fund personal and business endeavors. In terms of outreach, ACCION Texas emphasizes breadth versus depth of outreach, so targeting the poorest of the poor is not the primary objective.⁸ In the global situation, there is some concern that, with the increase of for profit lenders, a focus on sustainability may strengthen the trend of emphasizing breadth of outreach over depth of outreach leading microlenders to move into larger loans that target the not so poor over the poorest of the poor (Morduch 1999). In addition, if the United States follows the global trend toward commercial microfinance, it may open up the risk of mission drift, because of the relative ease with which circumstances may divert organizations to prioritize the financial sustainability or banking logic over the development or poverty alleviation logic (Battilana and Dorado 2010).

⁸ Personal communication with Janie Barrera, CEO ACCION-Texas Louisiana, October 12, 2011.

Government grants and loans, corporate grants and loans, bank grants and loans, individual contributions and loans and private foundation grants are the main sources of funds for MFIs in the United States. By far, corporations and banks are the largest funders in general, with earned revenue coming in next for some of the larger MFIs followed by government sources and the other sources. In the United States, MFIs can be government/non-governmental owned, member-owned, owned by socially-minded investors or by profit maximizing investors (www.cgap.org). In terms of a key source of government funding, the CDFI Fund, a government agency which was created in 1994, provides funding to individual CDFIs through a competitive application process. In addition, the Community Reinvestment Act (CRA) was revised in 1995 to explicitly recognize loans and investments in CDFIs as a qualified CRA activity for which banks get credit in regulatory reviews. Today, there are 947 registered community development financial institution MFIs in the United States (www.cdfi.org). A majority of qualified U.S. MFIs seek and get this designation, which enables them to get CDFI funding. A rating system called the CDFI Assessment and Rating System (CARS) is used to assess and accredit qualified MFIs. Microlending is also receiving support from the American Reinvestment and Recovery Act of 2009, which set aside \$50 million for the U.S. Small Business Administration to lend to microenterprises, defined as businesses with 5 or fewer employees (American Offshoots 2011). Subsidies, grants, concessionary loans and loan guarantees from multiple sources make it difficult for the sector to wean itself away from these sources and move to a more self-sustaining commercial operation.

U.S. microfinance consists of providers who target different parts of the financing chain for the unbanked and underbanked. For instance, Grameen USA and Opportunity Fund provide loans for the unbanked with little or no collateral or credit history, whereas ACCION USA requires rudimentary credit history and some form of collateral. The common denominator linking these loans is that mostly microcredit in the United States is provided in the form of risk capital for microenterprise creation, as opposed to the more fungible business/consumption loans in developing countries. Commercial banks are moving downstream to serve the underbanked as technology-driven decreases in transaction costs facilitate outreach. Large banks like Citibank in the United States seem to prefer to reach out to the unbanked primarily through partnerships with

MFIs⁹ to overcome the high transaction costs of reaching and servicing low income clients. Hence, partnerships with commercial banks such as Citibank or Bank of America appear to be a defining feature of the more well-established MFIs in the United States.

Unlike some of their global counterparts, U.S. MFIs typically do not choose to transform into full service financial institutions either by choice, or due to regulatory constraints; they tend to partner with banks to offer low cost savings accounts to clients and report back on payment patterns that could lead to the development of a credit history for the borrower. Compared to commercial banks, MFIs typically have more flexible loan underwriting guidelines and underwrite the loan for clients, in addition to reporting on repayments to build credit history, which may be the gateway for transitioning clients to full bank customers down the road.¹⁰ Banks invest low cost, concessionary loan funds in MFIs partly to meet CRA requirements, which in turn benefit MFIs and their clients who gain access to savings services from banks as part of their services from MFIs.¹¹ Bhatt, Tang and Painter (2002) point out that 23 percent of MFI funding in the United States comes from banks. As part of this symbiotic relationship between banks and MFIs in the United States, banks such as Capital One's Second Look Program tend to direct clients who do not meet their requirements for loans to MFIs for loans to start or grow their businesses, with the ultimate goal of integrating these customers into mainstream banking.

Servon (2006) points out that while the U.S. microenterprise field has witnessed remarkable growth, scale and sustainability still remain elusive, themes echoed by many interviewees. She identifies fragmentation, lack of accreditation and regulation, insufficient data, inconsistent funding sources, increasing competition and difficulty in reaching the target market as the key challenges facing the field. Several interviewees indicated that the U.S. microfinance field is marked by lack of scale and a number of smaller, fragmented institutions that work independently, replicating tasks that could be more effectively done as an industry, particularly in the areas of fund raising. Inability to scale up is also attributed to target market dispersion, lack of homogeneity in customer profiles/needs and associated challenges of understanding the needs of a diverse and dispersed customer base. Overreliance on subsidies

⁹ Interview with Bob Annibale, Global Director, Citi Microfinance Unit, London, May 2011.

¹⁰ Interview with Catherine Pena, ACCION Texas- Louisiana, October 13, 2011.

¹¹ Interview with Bob Annibale, Citibank Microfinance Unit, Citibank, London, June 2, 2011.

and lack of commercial funding could be a contributing cause to the inability to scale. The issue of subsidy dependence is a much-debated one in U.S. microfinance, since most MFIs are still dependent on a mix of subsidies, grants and concessionary loans from various sources. Those subscribing to the mission centered view of microfinance do not view subsidies as necessarily harmful to the field and its growth, whereas the financial systems approach decries subsidies and its tendency to crowd out private capital and silence market signals as a major cause of slow growth in the sector. The frontier question here is whether social and economic impacts are large enough to justify ongoing subsidies based on rigorous impact studies (Cull, Demirguc-Kunt and Morduch 2009).¹²

This study posits that in terms of legal form or structure, funding, target market and a variety of other indicators such as product/service innovations, U.S. microfinance is still in its early growth phase, or Microfinance 1.0. U.S. MFIs are also quite dependent on subsidies from plural sources, mainly government, private, socially minded investors, and commercial sources, while for profit microfinance is just nudging its way into the United States. Due to these reasons, the issue of “mission drift” does not loom as large as it does in some parts of the developing world, with its multi-million dollar IPOs by MFIs such as Compartamos, and their usurious rates of interest along with record profitability that has elicited outrage and negative attention to the entire sector. This negative cycle leads to calls by Yunus and others that mission driven microfinance needs to be distinguished more clearly from the brute money lending that it set out to replace. The broader goal of U.S. microfinance is financial inclusion, i.e., integration of the unbanked/underbanked into mainstream finance, as it grapples with the challenges of scaling up, entry of commercial actors, subsidy dependence and sustainability.

5. Regulation of Microfinance – the United States and Global Experience

This section focuses on 6 key themes extrapolated iteratively from composite interview data and review of relevant literature. It starts with a macro level argument for the need for regulation of the sector and then proceeds to elaborate on the following themes related to microfinance (MF) regulation in greater detail:

¹² Interview with Robert Cull, World Bank, May 13, 2011.

- a) At the macro level, microfinance needs a context-sensitive, sector-specific set of regulations;
- b) At the industry level, U.S. microfinance is still very much in a nascent stage of development, hence needs life cycle stage appropriate regulations based on the type of loans, typically consumer versus business loans. Most U.S. microcredit is for business purposes;
- c) The impact of regulations emanating from federal/state levels on MFIs and the limited role of prudential regulations;
- d) Motivations for partnerships with commercial banks and the regulations that impact these partnerships;
- e) The role of self-regulation followed by MFIs in conjunction with trade associations; and
- f) The unique governance issues faced by MFIs and their relationship to regulation.

5.1 Need for Sector Specific Regulation of Microfinance

Regulations in the financial service sector are essential to protect clients, investors and the country's financial system and from systemic risks that could impact the integrity of the financial system, the larger economy, as well as consumers. Regulations in microfinance are rightly intended to protect the finances of the poor against bank failure and fraud, and prevent the charging of usurious rates of interest that take advantage of dire customer need. While the need for regulation is clear, there appears to be consensus around the view that the growth of microfinance has been hurt by regulatory failures and attendant market failure in the provision of risk capital for uncollateralized microenterprises. *The Economist* (2005) argues that it is not so much that the poor are not credit worthy or do not make suitable clients for the full spectrum of financial services, but that they are hurt by massive market and regulatory and governance failure. Lack of regulation, over- or under-regulation of microfinancial services could hurt the sector's growth and development. With reference to microfinance, regulation has the potential to increase donor confidence by allowing for greater transparency in governance and accountability (Counts and Shoban 2002; Counts 2008).¹³ In addition, it encourages competitiveness and market efficiency by clearly defining the rules of the game while taking stakeholder needs and consumer protection into account.

¹³ Interview with Alex Counts, Grameen Foundation, Washington, D.C., May 13, 2011.

Microfinance is different from commercial banking in that MFIs have higher portfolio volatility, and smaller, high frequency loans, and thus high operating and administrative costs, limited capacity to increase capitalization levels and higher risks that flow from greater dependence on variable, more diversified sources of funds. Lastly, MFIs have greater dependence on charismatic leaders (Van Greuning, Gallardo and Randhawa 1998). In addition, their market is low income, poor, subprime clients, who bring non-traditional collateral that requires more labor intensive, high cost operations (Counts and Shoban 2002). Globally, there is a dominant view in the sector which does not support regulating the microfinance sector with the formal financial sector apparatus, as evidenced by the following quote from Muhammad Yunus (2007):

[E]xisting regulations are designed with commercial banking in mind, but microfinance requires a dedicated regulator and a relevant set of rules. Commercial banking is like a super tanker, whereas microfinance is like a dinghy boat with which you can reach small corners. If you design a dinghy boat with the architecture of a supertanker, it is sure to fail.

The developing world has seen much experimentation in regulating this sector, which initially evolved without much regulatory oversight. Governments around the world are increasingly recognizing the power of microfinance to transform the lives of the poor to aid economic development and are eager for advice on ways to grow microfinance within a framework of rules and regulations that stimulate the BOP customers access to finance (Swibel 2007), while mitigating the associated transaction costs. Microfinance in the United States is in its early stages of its life cycle compared to much of the developing world.

The microfinance movement that has more recently spread to the United States, which has a vastly different financial/institutional context that is far more regulated compared to the developing world. As innovations diffuse from one country context to another (Rogers 2003), they undergo changes and adapt to the new context. Operationally, microfinance programs in the United States are significantly different compared to other parts of the world due to differences in financial and institutional contexts, yet the fundamental purpose of microfinance remains the same across varying economic, social and political contexts: to offer financial services, primarily credit and secondarily training and education, to poor, low income individuals who have been underserved, or excluded from mainstream financial institutions that operate with

a set of rules inappropriate for the customer at the base of the economic pyramid. For instance, the United States is a far more formal economy with a plethora of rules and regulations for starting a business, as well as laws that impact both lender and receiver compared to developing countries with significant and thriving ‘informal’ or underground economies. Despite the differences, the core values of microfinance are to foster microentrepreneurship, sustainable livelihoods via economic opportunities and ultimately economic growth in the community (Bernanke 2007). However, microfinance differs considerably in terms of loan size, collateral requirements and repayment terms that require far greater flexibility for the BOP customer, compared to the customer typically served by mainstream banks. In the United States, most MFI providers are smaller, nonprofit CDFIs and non-governmental organizations (NGOs); hence existing banking regulations may not be amenable to transfer in ‘ready to wear’ form. If context insensitive regulations are imposed with a one size fits all regulatory philosophy driven by convenience and speed, it could have the perverse effect of stifling growth, restraining innovation, and constraining competition (Counts and Shoban 2002), while imposing heavy costs of supervision on the regulator and crippling compliance costs on the MFI that impact its sustainability. Given such stark differences, regulations designed for commercial/mainstream finance cannot be blindly transferred to MFIs.

Dan Letender, CDFI lending and investing executive for the Bank of America, states that the global microcredit industry has been growing at unsustainable rates of over 40 percent from 2004-08, quadrupling over a 5 year period, coupled with record profitability and growth coming from new entrants in particular.¹⁴ If the United States hits the same kind of growth pattern, that would call for restraint and even regulation to curb excesses and bad actors. In contrast to global growth patterns, growth of microfinance in the United States has been marked by lack of scale (Rhyne 2009; Servon 2006) and a variety of mostly small, fragmented, mission driven players vying for a market this is not clearly defined.

5.2 Regulations Based on MFI Structure and Type of Loans

The evolutionary trajectory of U.S. microfinance indicates progression from early credit-led models to more comprehensive training and credit-led institutions that offered a spectrum of

¹⁴ Dan Letender, Bank of America, Presentation at Microfinance USA 2011 Conference, May 23-24, 2011, New York.

financial services, including coaching/mentoring and financial literacy, among other business services, along with credit. However, compared to global microfinance models, microfinance in the United States, as noted earlier, is still very much focused on providing credit and training rather than a comprehensive range of financial services that includes micro-insurance, microsavings, etc. Alternative financial service providers have filled some of the void by providing services such as high interest consumer loans, check cashing and money transfer. The United States has several barriers to full service banks in low income communities. Potential consumers in low income communities have little or no experience dealing with banks and may have an associated mistrust. In addition, nonprofits are required to operate in conjunction with prudentially regulated banks in order to offer savings services. This coupled with the welfare means test may inhibit community banks from serving low income communities and consumers from benefiting from their services (Caskey1994).

What institutional forms can a microlender/MFI take in the United States and how does form impact regulation of the MFI? A microlender in the United States can be broadly categorized as: a) depository institution (DI), such as a national bank, state member or non-member bank, thrift or credit union or b) non-depository institution (non-DI), such as the MFIs and NGOs.¹⁵ CGAP, an MFI donor consortium affiliated with the World Bank, captures the institutional complexity of MFIs in these terms: "An MFI can be broadly defined as any organization—credit union, down-scaled commercial bank, financial NGO, or credit cooperative—that provides financial services for the poor" (www.cgap.com). The MFI landscape in the United States consists of various types of depository and non-depository institutions ranging from formal to semi-formal, such as commercial banks, rural banks, credit unions, non-bank financial institutions (NBIF) and NGOs. Regulation is based on the MFIs activity and varies based on form and function.

Financial institutions face two broad types of regulations dependent on their legal form and activities: a) prudential and b) non-prudential regulations. Prudential regulations aim to protect the financial health or bank solvency to avoid systemic contagion that could spread disastrously through a country's financial system, leading to large scale domino effect failure of

¹⁵ Michael Campbell, Legal Counsel Banking Regulation and Supervision, Federal Reserve Bank of New York, May 23, 2011.

banks that could ultimately impact the entire economy. Examples of prudential regulation include capital adequacy rules, loan loss reserves and restrictions on uncollateralized lending. Non-prudential regulations, such as truth in lending laws, laws restricting abusive debt collection, anti-money laundering, etc. are all other rules related to business conduct. Non-prudential rules do not require a specialized banking authority for enforcement, are less stringent and do not require direct, costly supervision, as do prudential regulations (Christen, Lyman and Rosenberg 2003). Prudential regulations are typically applied only to deposit mobilizing institutions, given their cost to both the supervisory body and compliance cost to the MFI. Using prudential regulations for non-depository MFIs would be akin to using a gun to kill a fly. A middle path could require prudential licensing for any MFI that intermediates clients' compulsory savings, but not for the institutions that keep the savings in an account with a licensed bank or invested in low-risk securities.

5.3 Motivations for Partnerships with Commercial Banks and Regulatory Impacts

Most MFIs interviewed for this study did not mobilize deposits and were hence unregulated entities that had developed symbiotic, necessity engendered partnerships with banks to complement their service gaps, especially in the area of FDIC insured financial intermediation of savings. Overall, MFI-bank partnerships were a defining feature of U.S. MFIs that did not transform into full service banks, as they have done in Bangladesh or other countries, where tiered regulations have enabled such transformations. Sensing opportunity and profits in microfinance, big banks such as Citibank, Capital One, Bank of America, Deutsche Bank, ABM Amro, ING and HSBC have entered microfinance through partnerships with MFI institutions, in many cases. In terms of structuring MFI-commercial bank partnerships with the goal of financial inclusion, O'Rourke (2006) has suggested three structural alternatives, such as the a) incorporation of microfinance into the formal banking system, b) evolution of MFIs into formal banks, or c) the creation of commercial partnerships between banks and larger MFIs. In the U.S. context, the incorporation of microfinancial services into commercial banks is not a viable alternative, given the high transaction associated with reaching a fragmented customer base, along with the entirely different nature of loan underwriting processes in microfinance. The second alternative is the evolution of MFI into full service banks; it has its drawbacks in terms of the high bar set for transformation into a bank in the United States, with high capital adequacy

and loan loss reserve rules and the inherent differences in risks, and transaction costs in microfinance portfolios. The third alternative of forging commercial partnerships between banks and MFIs seems to be the approach of choice by several of larger MFIs in the United States. The partnership model has gained further impetus and incentive from the Community Reinvestment Act, passed by Congress in 1977, mandating that banks be rated by regulators based on their responses to credit needs of their communities. The CRA has been lauded as a comprehensive approach to microfinance promotion in the United States (Jones 2006). Banks have the option to meet CRA requirements by channeling funds directly or indirectly through intermediaries to low income markets. This law has incentivized banks, such as Bank of America, Citibank and many others to work with MFIs like ACCION, which receive funding, as well as customers who do not meet bank lending criteria. Since one of the main goals of MF in the United States is financial inclusion of LMI customers as well as integration of the MFI into mainstream financial systems (Littlefield and Rosenberg 2004), the bank/MFI partnership serves multiple stakeholder interests and may be the most viable form of providing microcredit in the United States at this stage of the industry's evolution.

5.4 Impact of Consumer Protection Laws on Microfinance in the United States

In the United States, most MFIs sustain themselves through a mix of funding from banks, the CDFI Fund, private foundations, and various types of donors, with some interviewees indicating that financial sustainability via donor and other funding sources were feasible. There is increasing growth of for profit models of microcredit in the United States; however the commercialization trend lacks the depth and momentum of developing markets due to greater availability of subsidies or 'patient' capital by socially minded investors, government funds, i.e. US Treasury's CDFI Fund, commercial banks and private foundations/individuals.

Unlike banks and other financial service institutions, nonprofit MFI microlenders are not regulated directly, except for compliance with Internal Revenue Service as a 501 (3)(c) as a nonprofit entity at the federal level, and compliance with consumer and business lending laws (Burrus 2004), such as usury laws at the state level. U.S. MFIs do not fall under the purview of prudential or non-prudential regulations since they typically do not mobilize consumer deposits and hence are not categorized as formal financial institutions. Essentially, U.S. MFIs operate in a twilight zone of little or no formal or direct regulation, except for consumer protection

regulations that have a tangential impact on the sector based on MFI activities. All forms of finance in the United States are in some shape or form regulated by consumer protection regulations. In addition, the U.S. microcredit field has been informally regulated by due diligence of investors or funders. Alternative financial service providers such as fringe banks and loan sharks operate in an even more opaque and unregulated environment where they are able to charge between 300-4000 percent interest rates, though this may change with the new consumer protection laws introduced by the new Consumer Financial Protection Bureau (CFPB) created in July 2010 by the Dodd-Frank Act as an independent agency with broad authority to protect consumers of financial services from unfair, abusive and deceptive practices by making credit products easier to understand from a consumer perspective and by playing an integrated gatekeeper role. David Berenbaum of the National Community Reinvestment Coalition points out that the priorities of the new consumer protection era are to conduct financial education programs for members and citizens of the community; to respond to consumer complaints; to monitor markets for financial products and services; to examine and enforce regulations for banks, credit unions with assets over \$10 billion, payday lenders and other debt collectors, consumer reporting agencies and to issue rules, orders and governances guiding all financial institutions.¹⁶

What does the new consumer protection agency mean for MFIs in the United States? Legal loan form along with whether the loan is for a business or consumption purpose is an important distinction since it determines the nature of regulation. If a loan is considered a consumer loan, many of the consumer protection laws, especially the ones that emanate from the Dodd-Frank Act's federal consumer laws and the CFPB will apply. MFIs in the United States can rely on the business purpose exemption to circumvent some of the stricter consumer lending laws, but the catch is that the distinction between a business and consumption loan is not always clear, even in the United States. The added complexity comes from the fact that each U.S. state is different in terms of these laws. For example, in New York an MFI can lend to corporations without getting licensed; however if the MFI lends to individuals either for personal or business purposes they have to be registered in New York. Similarly, usury laws, also considered to be consumer protection laws, vary from state to state in the United States, and the doctrine of 'legal

¹⁶ David Berenbaum, Presentation at the Microfinance USA 2011 Conference, New York, May 23-24, 2011.

exportation' allows a lender from another State with a very high usury cap to lend into New York. Hence, consumers are not fully protected by usury laws due to state level variations and the exportability of laws into other states. However, Dodd-Frank has strengthened laws protecting consumers at both the state and federal levels against unfair and deceptive lending practices by adding an abusiveness standard. The new CFPB will be authorized to regulate the offering of consumer financial products or services under federal consumer financial laws.¹⁷

5.5 Role of Self-regulation in Microfinance

ACCION USA, one of the largest MFIs in the United States, has been instrumental in developing self-regulation in the form of the Smart Campaign that echoes many of the same principles of the new consumer protection agency. There is a trend toward self-regulation by way of ACCION's Smart Campaign as well as the Association for Enterprise Opportunity (AEO), an industry trade group that has proposed minimal standards of performance and financial health for MFIs in the United States. Some in the field have called for external regulation, indicating that self-regulation is no longer enough to help credibility and growth. Gina Harman of ACCION USA points out that regulation, whether it is self-regulation or external regulation, needs to be focused on building institutions that serve the customer first by structuring right products and by delivering them in a transparent way. She adds that the Smart Campaign in the United States started in mid-2008 amidst the furor over appropriate interest rates, appropriate pricing and profitability of microcredit over the Compartamos IPO. This, along with the recent memories of the unregulated or lightly regulated subprime industry crisis in the United States, were the main drivers of the campaign, even though many interviewees pointed out that the microfinance industry did not bear similarities to the subprime market in the United States. Regulation can take the form of self-regulation or external/third party regulation, with pros and cons for each type. Self-regulation may not be the best method for removing bad actors who may be able to hide behind less stringent forms of self-regulation; however external regulation may have the unintended consequence of imposing a heavy regulatory compliance cost on MFIs already stretched thin by higher operational and loan service and recovery costs.

¹⁷ The section on consumer protection laws impacting microfinance in the United States is based on a personal interview with and conference presentation by Michael Campbell, Legal Counsel, Federal Reserve Bank of New York, New York in November and May 2011.

At what point is self-regulation not enough? When commercial players in microfinance reach critical mass that would mark an inflection point, indicating a break from socially motivated capital to profit maximizing capital, signaling the need for third party or external regulation. At this point, bad capital can chase out good capital and most egregious practices, ranging from high interest rate lending to less care for borrowers, and ensuing higher profits, will attract more private sector capital. Internationally, with high levels of market saturation of microfinance, there is evidence of very high interest rates charged by profit maximizing MFIs without caring much about borrower levels of indebtedness, as seen in the recent Andhra Pradesh crisis, which has called for third party regulation. William Steel points out that care should be taken not to place excessive reliance on self-regulation by associations/apex organizations, since these are primarily advocacy organizations not well placed to administer top-down regulations. Nonetheless, they do offer minimum standards as a baseline for regulation. In addition, they can be useful for collecting relevant performance data. Hence, self-regulation should be considered as a way of keeping tabs on MFIs that are too small to merit direct supervision, and not as an actual tool of supervision.¹⁸

5.6 Governance of U.S. MFIs

The Microfinance Banana Skins Report (2011) has highlighted issues of weak corporate governance and inappropriate regulation as the two areas which require immediate attention in the sector. Governance of the MFI and regulation are closely linked, since these are double or triple bottom line organizations with different measures of success and attendant strategic foci. Donors or funders typically interested in the social mission operate with a different set of performance metrics compared to a for profit entity. The typical nonprofit structure of the MFI also mutes market signals that serve to discipline a for profit entity in a market economy. In general, effective governance of an organization provides a clear framework of checks and balances to ensure attainment of corporate objectives and to prevent resource misuse. Microfinance institutions have multiple sponsors, and multiple objectives with context/country dependent differences in internal governance and operational strategies. In the case of MFIs, most originate as NGOs where ownership and organizational structure may be unclear and hence not geared for board supervision of management (Van Greuning et al 1998). Many of these MFIs

¹⁸ Interview and email communication with William Steel, World Bank, February 2011.

are funded by philanthropic investors and governments, who tend not to be activist shareholders creating an agency problem. Since stringent regulation of microcredit in the United States is not driven by investors, it may need a different set of external forces.

In addition, board members are faced with the challenge of balancing equally important twin goals of outreach and sustainability (Von Pischke 2002). In mission-driven MFIs funded by patient social investor capital, the key goal is not profitability, but outreach, which calls for different measures of success such as: 1) scope of outreach (number reached), 2) impact (on lives, economic/community development), and 3) depth of outreach (poor versus poorest) (CGAP, 2003). These criteria are not always amenable to hard measures applicable to profits, but may require softer, less quantifiable and relevant measures, further exacerbating the governance challenge. Sometimes, these measures may be contradictory, for example scaling the sector requires growth and increased competition, decreased subsidy dependence, an inflow of commercial funds as well as savings/deposit mobilization (Morduch 1999) and a well-regulated sector (Gallardo 2001), whereas outreach to the poorest of the poor may call for patient capital or subsidies and lesser emphasis on sustainability. Thus, the more complex, 'black box' nature of MFI governance necessitates an important role for external governance structures, such as third party regulation (Arun and Anim 2010) and market competition on microfinance institutions.

The trend toward commercialization/sustainability is not as strong in the United States, due to the nascent nature of microfinance marked by far fewer profit seeking MFIs and the easier availability of subsidies, along with consensus around the idea that subsidies are justified by the social benefits (Morduch 1999; 2000), hence the majority of MFIs are still subsidy or donor dependent (Rhyne 2002). In a market based environment, the unforgiving invisible hand imposes hard budget constraints on firms. In the case of microfinance, such constraints are largely absent in a non-market based lending environment. Risk is not appropriately priced and market forces are largely muted by government and investor grants or concessionary funds that may in some instances make it uncompetitive for private entrants. Government is by necessity a large player in the microfinance field here in the United States, as well as in many other countries. Government involvement can additionally hinder market forces by decreasing competition, crowding out private funds and decreasing profitability of for profit entrants such as

commercial banks (Hubka and Zaidi 2005). In the absence of rigorous internal board governance, measurable performance metrics, and lack of market discipline, compatible external regulations designed to accommodate these challenges may be necessary.

6. Conclusions and Recommendations

Microfinance in the United States is currently not regulated directly, due to its relatively small scale and size of individual MFIs that do not meet the ‘too big to fail’ criteria for systemic damage. Since a majority of providers are nonprofit, non-depository institutions, there has not been a direct need for the application of banking regulations in the form of prudential regulations. However, non-prudential regulations do impact MFIs by way of consumer protection and other state laws, if the loan is a consumer loan. Some of the larger MFIs have overcome the banking challenge through partnerships with commercial banks that offer benefits for the banks, MFIs and customers. Commercial entry into this field is evident, but on a limited scale resulting in the fact that MFIs are still largely subsidy or concessionary loan dependent. As the field evolves and grows and attracts competition from commercial entrants, the need for well-considered regulation may become more urgent and important.

The microfinance sector is typically characterized by non-collateralized loans and higher administrative costs, which supports the argument for a tailored set of regulations for microfinance. The Basel Committee on Banking Supervision (2010) illustrates the general applicability of the Core Principles to the supervision of microfinance activities. The report suggests an efficient allocation of supervisory resources, depending on the nature of institutions, and further suggests developing a specialized knowledge within the supervisory team. Furthermore, the report recognizes the distinct nature of control and managerial practices in the sector and the need for clarity in the regulations, while retaining flexibility to deal with individual cases underscoring the need for regulatory solutions to strike a careful balance between enabling access to credit and protecting consumers, which is a priority in the U.S. context. Globally, Yunus calls for a dedicated regulator and a relevant set of regulations tailored to the structure and needs of microfinance (Yunus 2007). MFIs have very different risk profiles due to their portfolio characteristics, hence transferring banking regulations in a ‘ready to wear’ form is not a viable alternative.

Regulation of microfinance in the United States needs to be designed with the broad objective of supporting growth of the sector to enable viable and sustainable MFIs capable of delivering appropriate inclusive financial services that focus both on breadth and depth of outreach to the 12-15 million low-income poor in the United States. Regulatory reform should facilitate: 1) growth, and 2) integration of microfinance into mainstream banking (Hubka and Zaidi 2005). A well-regulated microfinance sector will allow for growth in scale and range of services (Gallardo 2001). Commercialization proponents argue that the field will remain insignificant in size until there is full blown entry of commercial players who can bring competition and efficiency.

Regulation of an emerging subsector confers greater legitimacy, enabling ease of access to funds from donors or government, allowing sustainable delivery of financial services to the poor, and protecting both depositor and lender from moral hazard and adverse selection. Yet, two World Bank and Financial Access Initiative studies (Christen and Rosenberg 2000; Cull et al 2009) indicate that the cost of compliance may be onerous for emerging MFIs, where regulation may have a negative impact on financial service innovation of smaller organizations, which have grown organically in a grass roots response to environmental needs under the regulatory radar, in countries like Bangladesh. Regulation may have the unintended effect of creating boundaries that box in the growing sector, constraining growth as well as service innovation. In addition, MFIs are dynamic, moving from semi-formal to formal as they grow and evolve. Regulation also needs to have requisite variety to match different MFI types, such as credit only MFIs that rely primarily on outside funding and serve as conduits of credit, to those MFIs that take consumer deposits as well as provide credit. In general, MFI regulation globally has moved from subscription to voluntary codes of conduct to self-supervision, to light regulation by registration under special acts, to more formal prudential regulation (Christen and Rosenberg 2000).

Shankar and Asher (2010) capture four key reasons for regulation of microfinance in India, some of which are applicable to the U.S. situation. Regulation in their view would enable MFIs to offer savings services, provide for monitored entry of commercial participants, and allow MFIs to scale their service spectrum to insurance, pension schemes, and so on to provide a clear regulatory framework for diverse legal forms of MFIs, thereby preventing regulatory

arbitrage. Christen et al (2011) [2011 or 2003?] favor a clear distinction between DI and non-DI MFIs in terms of regulation. Currently, U.S. MFIs appear to choose partnerships with commercial banks over the option of transforming into deposit mobilizing institutions, perhaps due to the high bar for transformation that is better suited for banking rather than a development institution.

Rosenberg (2008) indicates two broad approaches to regulation of the microfinance sector. The ‘regulation as promotion’ view states that if the government wants to expand and deepen the sector in a situation where the predominant number of MFIs are smaller, non DIs opening a new licensing window for MFIs to take in deposits, while meeting prudential regulations that are not as high as those set for regular banks, could be one option. The dual advantage of this approach is that MFIs would get access to funding that can be recycled as credit and consumers get access to savings. In the United States and elsewhere, savings is a buffer that cushions the poor from the vagaries of emergencies, as well as a net that allows MFIs to manage risk in case of default (Roy 2010). In the second view of ‘regulation that follows,’ Rosenberg (2008) posits that in actual practice in most countries, regulation came after the sector had developed critical mass. This approach would require just in time adjustments to a country’s banking regulations to create the necessary regulatory space for the sector’s growth. Given the emergent nature of the field in the United States, it may be all the more critical to tread the fine line between too much and too little regulation, by devising a regulatory regime that leads as well as follows. Over-regulation can impose a heavy compliance cost on the MFI, undermining its sustainability; additionally on the supervisory side, costs of regulation need to be weighed against expected benefits. The impact of regulation on the end customer as well as funders, public or private, is also an important consideration.

Interviewees indicated that the typical MFI is not directly regulated due to its nonprofit, non-depository institutional status. Some of the largest MFIs, such as ACCION USA, along with industry associations have initiated self-regulation via the Smart Campaign principles, which deal with consumer protection in various ways. However, experts in the field tend to point out that self-regulation is no longer enough, particularly with the entry of profit seeking MFIs, although this might generate technical expertise within the industry.¹⁹ In addition, most U.S.

¹⁹ William Steel, email communication April 2011.

MFIs are designated CDFIs, which are rated by the CDFI CARS, a rating system developed by the CDFI Fund to qualify and maintain CDFI designation for MFIs, which could be considered a soft regulatory equivalent. In the global context, joint liability serves as an effective internal check and balance, since it protects against the twin problems unique to microfinance of 1) adverse selection (identifying risky credit consumers in the face of weak information) and 2) moral hazard (group monitoring to curb potential cheaters) in the context of a loan methodology that employs collateral substitutes (Hubka and Zaidi 2005). The group methodology is being tested by Grameen America in New York,²⁰ but it has met with little success in the U.S. environment in previous experiments, due to various social and logistical differences. So, the question is how to prevent self-regulation from becoming toothless lip service that could be hijacked by brute moneylending MFIs that place profit over social mission, or even MFIs suffering “mission creep” under the pressure of sustainability and decreasing donor funding?

Many of the larger U.S. MFIs have developed partnerships with commercial banks to overcome the banking challenge. While these commercial bank partnerships offer symbiotic benefits for both parties, they may not be the best option in the long run, since many of the smaller MFIs may not have this option. Opening up a special regulatory window for microfinance and specialized knowledge as suggested by the Basel Committee (2010) may be a better long run option to scale the sector and to support less dependence on subsidies and sustainable sources of funding. The provision of adequate regulation may allow MFIs to attract deposits from public, which may lead them to grow in a sustainable way and eventually achieving linkages with the banking sector, with an improved operating network and higher standards of control and reporting.

The problem with regulation is that there are always unintended consequences, as in the case of usury rates. If the rate is set too low, then it will chase out microcredit lenders leaving the door open for predatory lenders. ACCION USA is one of the few CDFIs that operate in multiple states in the United States with the burden of understanding and interpreting multiple state laws related to licensing and consumer protection. Based on a market survey of microcredit need versus laws such as usury rates, ACCION has chosen to stay out of certain states with highly restrictive usury caps, which essentially hurts the microcredit consumer in those states,

²⁰ Interview with Katherine Rosenberg, Grameen America, November 2011.

with the ironic effect of hurting the same consumer the laws were intended to protect.²¹ The high transaction costs of smaller loans make interest rate caps counterproductive, since they hurt both the provider's sustainability and the consumer's interest by causing providers to withdraw from these markets, leading to loss of access to microcredit for potential consumers in these states (Rosenberg 2008, Christen, Lyman and Rosenberg 2003). There is concurrence with this view that interest rate caps could lead to the exclusion of high-risk yet needy consumers when MFIs stay out of difficult geographies (Shankar and Asher 2010).

Given the complexities of regulating this emerging sector, creating a tiered regulatory approach that treads the line between forward looking promotion of the sector, along with following the state of development in the field, may be appropriate. MFIs may be able to scale gradually to full service banking, if they are provided a regulatory window with tailored banking regulations to suit the nature of microfinance. This, along with MFI commercial bank partnerships, may create a richer and more robust set of MFIs that are able to exist between the colliding logics of banking and development

²¹ Interview with Gina Harman, CEO ACCION USA, New York, November 2011.

References

American Offshoots: Will Microfinance Ever Really Take Root in the United States? (2011).

June 17. <http://knowledge.wharton.upenn.edu/article.cfm?articleid=2797>.

Armendariz de Aghion, Beatrice and Jonathan Morduch (2004). "Microfinance: Where Do We Stand?" in *Financial Development and Economic Growth: Explaining the Links*. Ed. Charles Goodhart. London: Macmillan/Palgrave.

Arun, Thankom and Samuel Annim (2010). "Economic Governance of MFIs: Inside the Black Box." Discussion Paper No.5159, Institute for the Study of Labor (IZA).

Arun, Thankom and Victor Murinde (2010). "Microfinance Regulation and Social Protection." Background paper to the European Report on Development 2010. Florence: European University Institute.

Bankable Frontier Associates LLC (2010). "Consumer Experiences in Branchless Banking." Report Commissioned by the Department of International Development.

Basel Committee on Banking Supervision (2010). "Microfinance Activities and the Core Principles for Effective Banking Supervision." Consultative Document, Switzerland: Bank for International Settlements.

Battilana, Julie and Silvia Dorado (2010). "Building Sustainable Hybrid Organizations: The Case of Commercial Microfinance Organizations." *Academy of Management Journal* 53(6)1419-1440.

Bhatt, Nitin, Shui Yan Tang and Gary Painter (2002). "Microcredit Programs in the United States: the Challenges of Outreach and Sustainability," in *Replicating Microfinance in the United States*, Eds. James H. Carr and Zhong Yi Tong, Washington, DC: Woodrow Wilson Center Press.

Burrus, Bill (2004). "Lessons and Trends of Microcredit in the United States." Accessed March, 21, 2011. <http://www.accion.org/Document.Doc?id=51>.

- Caskey, John P. (1994). "Bank Representation in Low-income and Minority Urban Communities." *Urban Affairs Quarterly* 29(4), 617-38.
- CGAP (2010). Andhra Pradesh 2010: Global Implications of the Crisis in Indian Microfinance. *Focus Note*, 67, November. <http://www.cgap.org/gm/document-1.9.48945/FN67.pdf>.
- CGAP (2003). The Impact of Microfinance. *Donor Brief*, 13 July. http://www.cgap.org/gm/document-1.9.2407/DonorBrief_13.pdf.
- Christen, Robert and Richard Rosenberg (2000). The Rush to Regulate: Legal Frameworks for Microfinance. CGAP Occasional Paper No. 4. <http://cgap.org/gm/document-1.9.2699/OP4.pdf>.
- Christen, Robert, Timothy Lyman and Richard Rosenberg (2003). Microfinance Consensus Guidelines: Guiding Principles on Regulation and Supervision of Microfinance. CGAP/World Bank Publication. http://www.cgap.org/gm/document-1.9.2787/Guideline_RegSup.pdf.
- Copestake, James (2007). "Mainstreaming Microfinance: Social Performance Management or Mission Drift?" *World Development* 35(10), 1721-38.
- Counts, Alex (2008). *Small Loans, Big Dreams*. NJ: Wiley & Sons.
- Counts, Alex and Sharmi Shoban (2002). "Recommendations for the Creation of a Pro-Microcredit Regulatory Framework." Grameen Foundation USA. Accessed February 20, 2011. <http://www.gfusa.org>.
- Cull, Robert, Asli Demirguc-Kunt and Jonathan Morduch (2009). "Microfinance Meets the Market." Financial Access Initiative Research Brief. http://financialaccess.org/sites/default/files/B8_Microfinance_Meets_the_Market.pdf.
- Dowla, Asif and Dipal Barua (2006). *The Poor Always Pay Back: The Grameen II Story*. West Hartford, CT: Kumarian Press.

- Dupas, Pascaline and Jonathan Robinson (2011). "Why Don't the Poor Save More? Evidence from Health Savings Experiments." NBER Working Papers 17255, National Bureau of Economic Research, Inc.
- Eijkman, Frederik, Jake Kendall, and Ignacio Mas (2010). "Bridges to Cash: the retail end of M-PESA. The challenge of maintaining liquidity for M-PESA Agent Networks." Bill & Melinda Gates Foundation. http://mmublog.org/wp-content/files_mf/bridging_the_cash.pdf.
- Eisenhardt, Kathleen (1989). "Building Theories from Case Study Research." *Academy of Management Review* 14, 532-550.
- FDIC (2009). FDIC National Survey of Unbanked and Underbanked Households, Washington, DC: Federal Deposit Insurance Corporation, December. http://www.fdic.gov/householdsurvey/full_report.pdf.
- Gallardo, Joselito (2001). "A Framework for Regulating Microfinance Institutions: The Experience in Ghana and the Philippines." Policy Research Working Paper 2755, Financial Sector Development Department, World Bank. <http://www1.worldbank.org/finance/assets/images/2755.pdf>.
- Gomez, Luz and Elaine Edgecombe (2011). A Newly Crowded Marketplace: How For-profit Lenders Are Serving Microentrepreneurs. Washington, DC: FIELD at Aspen Institute. <http://fieldus.org/Publications/ForProfitLenders.pdf>.
- Hashemi, Syed and Aude de Montesquiou (2011). "Reaching the Poorest: Lessons from the Graduation Model." CGAP *Focus Note* No. 69 (March), Washington, DC: World Bank . <http://www.cgap.org/gm/document-1.9.50739/FN69.pdf>.
- Hermes, Niels, Robert Lensink and Aljar Meesters (2011). "Outreach and Efficiency of Microfinance Institutions." *World Development* 39(6), 938-48.
- Hubka, Ashley and Rida Zaidi (2005). "Impact of Government Regulation on Microfinance. Prepared for The World Development Report 2005: *Improving the Climate for Growth and Poverty Reduction*. http://siteresources.worldbank.org/INTWDR2005/Resources/Hubka_Zaidi_Impact_of_Government_Regulation.pdf.

- Hulme, David (2009). "The story of Grameen Bank: from subsidized microcredit to market based microfinance," in *Microfinance: A Reader*, Eds. David Hulme and Thankom Arun. NY: Routledge Studies in Economic Development.
- Hulme, David and Thankom Arun (2011). "What's Wrong and Right with Microfinance," *Economic and Political Weekly* xlvi (48), November 26,, 23-26.
- International Monetary Fund (2005). "Microfinance: A View from the Fund."
<http://www.imf.org/external/np/pp/eng/2005/012505.pdf>.
- Jones, Aaron (2006). "Promotion of a Commercially-Viable Microfinance Sector in Emerging Markets." *Georgetown Journal on Poverty Law and Policy* 13(1), 187-217.
- Kapoor, Mudit, Shamika Ravi, and Jonathan Morduch (2007). From Microfinance to m-finance, Innovations: Technology, Governance and Globalization. *MIT Press Journal* 2(1-2), Winter/Spring, 82-90.
- Littlefield, Elizabeth, and Richard Rosenberg (2004). "Breaking Down the Walls between Microfinance and the Formal Financial System." CGAP.
<http://www.cgap.org/gm/document-1.9.2712/BreakingDownWalls.pdf> .
- Mersland, Roy and R. Øystein Strøm (2010). "Microfinance mission drift?" *World Development* 38(1), 28-36.
- Morduch, Jonathan (1999). "The microfinance promise." *Journal of Economic Literature* 37, 1569-1614.
- Morduch, Jonathan (2000). "The Microfinance Schism," *World Development* 28 (4), 617-629.
- O'Rourke, Alexandra (2006). "Public-Private Partnerships: the Key to Sustainable Microfinancing." *Law and Business Review of the Americas* 12, 179-193.
- Pettigrew, Andrew. M. (1990). "Longitudinal field research on change: Theory and Practice." *Organization Science* 1, 267-292.

- Porteous, David L. (2006). "Competition and Microcredit Interest Rate" CGAP *Focus Note*, No. 33. Washington, DC: World Bank. <http://www.cgap.org/gm/document-1.9.2575/FN33.pdf>.
- Prahalad, C.K. (2010). *The Fortune at the Bottom of the Pyramid: Eradicating Poverty through Profits*. 5th Anniversary Edition. NJ: Pearson Education Inc.
- Ragin, Charles C. (1994). *Constructing social research: the unity and diversity of method*. Thousand Oaks, CA: Pine Forge Press.
- Rhyne, Elisabeth (2009). *Microfinance for Bankers and Investors: Understanding the Opportunities and Challenges of the Market at the Bottom of the Pyramid*. McGraw Hill Press.
- Rhyne, Elisabeth (2002). "The Experience of Microfinance Institutions with Regulation and Supervision." 5th International Forum on Microenterprise, Inter-American Development Bank, Rio de Janeiro. <http://www.accion.org/Document.Doc?id=55>.
- Rhyne, Elisabeth (1998). "The Yin and Yan of Microfinance: Reaching the Poor and Sustainability" *Micro Banking Bulletin* 2(1), 6-8.
- Rogers, E.M. (2003). *The Diffusion of Innovations*. 5th ed. NY: The Free Press.
- Rosenberg, Richard (2008). "How should governments regulate microfinance?" in *Microfinance: Emerging Trends and Challenges*, ed. S. Sunderesan, Edward Alger Publishing.
- Roy, Ananya (2010). *Poverty Capital: Microfinance and the Making of Development*. NY: Routledge Press.
- Rubin, Herbert J. and Irene S. Rubin (2004). *Qualitative Interviewing: The Art of Hearing Data*. 2nd ed. Thousand Oaks, CA: Sage Publications..
- Rutherford, Stuart (2000). *The Poor & Their Money*, Delhi: Oxford University Press.
- Schreiner, Mark and Jonathan Morduch (2002). "Opportunities and Challenges for Microfinance in the United States," in *Replicating Microfinance in the United States*, Eds. Carr, James, H. and Zhong Yi Tong. Washington, DC: Woodrow Wilson Center Press.

- Sengupta, Rajdeep and Craig P. Aubuchon (2008). "The Microfinance Revolution: An Overview." Federal Reserve Bank of St. Louis *Review*, January/ February.
- Servon, Lisa (2006). "Microenterprise Development in the United States: Current Challenges and New Directions." *Economic Development Quarterly* 20(4), 351-361.
- Shankar, Savita and Mukul G. Asher (2010). Regulating Microfinance: A Suggested Framework. *Economic and Political Weekly* 45(1), 15-18.
- Strauss, Anselm L. and Juliet Corbin (1998). *Basics of Qualitative Research: Techniques and Procedures for Developing Grounded Theory*, 2nd ed. Thousand Oaks, CA: Sage Publications..
- Subramanian, Krishnamurthy (2011). "Microfinance Lenders: To Profit or Not to Profit." *Insight* 9(1), 5-8.
- Swibel, Matthew (2007). The World's Top Microfinance Institutions.
http://www.forbes.com/2007/12/20/top-microfinance-philanthropy-biz-cz_ms_1220intro.html.
- Talen, Ayse Can, Mark A. Weiss and Sohini Sarkar (2002). "The Future of Microfinance in the United States: Research, Practice and Policy Perspectives," in *Replicating Microfinance in the United States*, eds. James H. Carr and Zhong Yi Tong. Washington, DC: Woodrow Wilson Center Press.
- Taub, Richard, P. (1998). "Making the Adaptation across Cultures and Societies: A Report on an Attempt to Clone the Grameen Bank in Southern Arkansas." *Journal of Developmental Entrepreneurship* 3(1), Summer, 353-369.
- The Economist* (2011). The big save: How can America serve better the millions of citizens outside the financial mainstream?" (2011). Financial services for the poor, September 24.
<http://www.economist.com/node/21530164>.
- The Economist* (2005). Author Interview: A discussion with Tom Easton, New York Bureau Chief, *The Economist*." Survey of Microfinance. November 3.
<http://www.economist.com/node/5104911>.

- The Microfinance Banana Skins Report (2011). The CFSI survey of microfinance risk: Losing its fairy dust. CFSI Center for the Study of Financial Service Innovation.
http://www.cgap.org/gm/document-1.9.49643/Microfinance_Banana_Skins_2011.pdf.
- UNCDF (2006). *Building Inclusive Financial Sectors for Development*. NY: United Nations Capital Development Fund.
http://www.uncdf.org/english/microfinance/pubs/bluebook/pub/Building_Inclusive_Financial_Sectors_The_Blue_Book.pdf.
- U.S. Microenterprise Census Highlights FY 2008 Data, Microenterprise Fund for Innovation, Effectiveness, Learning and Dissemination. Washington, DC: Aspen Institute.
<http://fieldus.org/publications/HighlightsFY2008.pdf>.
- Van Greuning, Hennie, Joselito Gallardo, and Bikki Randhawa (1998). "A Framework for Regulating Microfinance Institutions." Financial Sector Development Department, World Bank. http://www-wds.worldbank.org/external/default/WDSContentServer/IW3P/IB/2000/02/24/000094946_99031911114981/additional/117517322_20041117150041.pdf. Steel
- Von Pischke, J.D. (2002). "Current Foundations of Microfinance Best Practices in Developing Countries," in *Replicating Microfinance in the United States*, eds. Carr, James, H. and Zhong Yi Tong. Woodrow Wilson Center Press: Washington, D.C.
- Woller, Gary (2002). "Introduction." *Journal of International Development* 14(3), 301–304.
- Yin, R.K. (1994). *Case Study Research: Design and Methods*. 2nd ed. Thousand Oaks, CA: Sage Publications.
- Yunus, Muhammad (2007). "Does Microfinance Need Regulators?" Accessed September 10, 2011. <http://knowledge.wharton.upenn.edu/india/article.cfm?articleid=4246>.
- Yunus, Muhammad (2007). *Creating a World without Poverty*. PA: Perseus Books.
- Yunus, Muhammad (1999). *Banker to the Poor: Microlending and the Battle against World Poverty*. PA: Perseus Books.